RICAN RAILROAD JOIR

A DESCRIPTION OF A PROPERTY AND A PROPERTY A

AND GENERAL ADVERTISER

FOR RAILROADS, CANALS, STEAMBOATS, MACHINERY

AND MINES.



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SATURDAY, APRIL 10, 1847.

[WHOLE No. 564, VOL. XX

AMERICAN RAILROAD JOURNAL.

OFFICE AT THE FRANKLIN HOUSE, 105 Chestnut Street.

PHILADELPHIA, PA.

This is the only periodical having a general circu-lation throughout the Union, in which all matters at 9 o'clock A. M. connected with public works can be brought to the notice of all persons in any way interested in these undertakings. Hence it offers peculiar advantages for advertising times of departure, rates of fare and freight, improvements in machinery, materials, as iron, timber, stone, cement, etc. It is also the best medium for advertising contracts, and placing the merits of new undertakings fairly before the public.

TERMS. - Five Dollars a year, in advance.

RATES OF ADVERTISING.

One page per annum	\$125	00
One column "	50	00
One square "	15	00
One page per month	20	00
One column "	8	00
One square "	2	50
One page, single insertion	8	00
One column " " "	3	00
One square - " "	1	00
Professional notices per annum.	5	00
THE PERSON NAMED IN THE PE		-

ROSTON AND PROVIDENCE RAIL-

poston and Providence Railroad. Passenger Notice. Summer Arrangement. On and after Monday, Sept. 28, 1846, the Passenger Trains will run as follows:
For New York—Night Line, via Stonington.
Leaves Boston every day, but Sunday, at 5 p.m.
Accommodation Trains, leave Boston at 7½ a.m.
and 3½ p.m., and Providence at 8 a.m. and 3½ p.m.,
Dedham trains, leave Boston at 9 a.m.; 3 p.m.,
5½ p.m., and 10½ p.m. Leave Dedham at 8 a.m.
and 4½ a.m. and 9 p.m.
Stoughton trains, leave Boston at 1½ a.m. and
4½ p.m. Leave Stoughton at 8 a.m. and 2½ p.m.
All baggage at the risk of the owners thereof.
31 iy W. RAYMOND LEE, Supt.
BRANCH RAILROAD and STAGES CON-

BRANCH RAILROAD and STAGES CONnecting with the Boston and Providence Railroad.
Stages connect with the Accommodation trains at
the Foxborn' Station, to and from Woonsocket. At
the Seekonk Station, to and from Lonsdale, R. I.
via Pawtucket. At the Sharon Station, to and from
Walpole, Mass. And at Dedham Village Station,
to and from Medford, via Medway, Mass. At Providence, to and from Bristol, via Warren, R. I.—
Taunton, New Bedford and Fall River cars run in
connection with the accommodation trains.

DHILADELPHIA AND READING RAIL-ROAD.—Passenger Train Arrangement for

1847. A Passenger Train will leave

The Train from Philadelphia arrives at Reading at 12 18 M.

The Train from Pottsville arrives at Reading at 10 43 A. M.

Between Phila. and Pottsville, 92 \$350 and \$300.

" Reading, 58 225 and 190

" Pottsville . " 34 140 and 120 Five minutes allowed at Reading; and three at other way stations.

Passenger Depot in Philadelphia corner of Broad and Vine streets.

EXINGTON AND OHIO RAILROAD.

Trains leave Lexington for Frankfort daily,

at 5 o'clock a.m.; and 2 p.m.

Trains leave Frankfort for Lex-

ington daily, at 8 o'clock a.m. and 2 p.m. Distance, 28 miles. Fare \$1.25.

On Sunday but one train, 5 o'clock a.m. from Lexington, and 2 o'clock p.m. from Frankfort.

The winter arrangement (after 15th September to 15th March) is 6 o'clock a.m. from Lexington, and ma. 9. from Frankfort, other hours as above.

BOSTON AND MAINE RAILROAD.

Upper Route, to Portland and the East. SUMMER ARRANGEMENT.

April 1, 1847. PORTLAND TRAINS. Leave Boston at 7 A.M. and 21 P.M. Leave Portland at 71 A.M. and 3 P.M. GREAT FALLS TRAIN.

Leave Boston at 5 P.M. Leave Great Falls at 61 A.M.

HAVERHILL TRAINS. Leave Boston at 111 A.M. and 6.20 P.M. Leave Haverhill at 61 A.M. and 41 P.M.

READING TRAINS. Leave Boston at 84 A.M. and 84 P.M. Leave Reading at 6 A.M. and 14 P.M.

MEDFORD BRANCH TRAINS. Leave Boston at 71, 111 A.M., 21, 51, 7 P.M. Leave Medford at 61, 8 A.M., 11, 41, 6 P.M.

The Depot in Boston is on Haymarket Square. Passengers are not allowed to carry Baggage above \$50 in value, and that personal, unless notice is given, and an extra amount paid, at the rate of the price of a Ticket for every \$600 additional

CHAS. MINOT, Super'l.

SUMMER ARRANGEMENT.—NEW YORK AND ERIE RAILROAD LINE, from April I st until further notice, will run daily (Sundays excepted) between the city of New York and Middletown, Goslien, and intermediate places, as follows:

Leave New York at 7 A. M. and 4 P. M.

"Middletown at 64 A. M. and 54 P. M.
FARE REDUCED to \$1 25 to Middletown—way in reportion. Breakfast, supper and berths can be had on the steamboat.

Leave New York at 5 P. M.

"Middletown at 18 M.

The names of the consignee and of the state where to be left, must be distinctly marked up each article shipped. Freight not received after P. M. in New York.

Apply to J. F. Clarkson, agent, at office corner mane and West sts. H. C. SEYMOUR, Sopt March 25th, 1846.

Stages run daily from Middletown, on the arrival of the afternoon train, to Milford, Carbondale, Honesdale, Montrose, Towanda, Owego, and West; also to Montreello, Windsor; Binghamton, Ithaca, etc., etc. Agent on board.

NORWICH AND WORCESTER RAIL-Road. Summer Arrangement, commencing

Monday, April 0, 1846. Accommodation Trains, daily, except Sunday. Leave Norwich, at 6 a.m., and 41 p.m. Leave Worcester, at 10 a.m., and 41 p.m.

The morning Accommodation Trains from Norwich, and from Worcester, connect with the trains of the Boston, and Worcester and Western railroads each way.

The Evening Accommodation Train from Worster connects with the 14 p.m. train from Boston. New York Train via Long Island Railroad: Leave Allyn's Point for Boston, about 1 p.m., dai-

Leave Myn's Folia for Boston, about 1 p.m., datly, except Sunday.

Leave Worcester for New York, about 10 a.m.,
stopping at Webster, Danielsonville, and Norwich.

New York Train via Steamboat—Leave Norwich for Boston, every morning, except Monday, on
the arrival of the stamboat from New York, stopping at Norwich and Danielsonville.

Leave Worcester for New York, upon the arrival of the train from Boston, at about 41 p.m., daily, except Sunday, stopping at Webster, Danielsonville and Norwich.

Freight Trains daily each way, except Sunday.— Special contracts will be made for cargoes, or large quanties of freight, on application to the superinten-dent.

Farm are Less tohen paid for Tickets than rolley paid in the Cars. Is 32 ly J W. STOWELL, Sup's

Trains also run hourly on this road between Troy and Albany. Running time between Greenbush and Troy, 15 minutes.

TROY AND SCHBNECTADY RAILROAD.

This road is laid its entire length with the heaviest H rail—which is not the fact with the road from Albany. Trains will always be run on this road connecting each way, to and from Buffalo and intermediate places. Leave Troy for Buffalo at 7½ a.m. and 1 p.m. and 6½ p.m., or to connect with the trains for the west; leave Schenectady at 2½ a.m., 8½ a.m., 1 p.m. and 3½ p.m., or on arrival of the trains from Buffalo and intermediate places.

TROY AND SARATOGA RAILROAD.

TROY AND SARATOGA RAILROAD. THE ONLY DIRECT ROUTE.

No change of passenger, baggage or other cars on this route. Cars leave Troy for Ballston, Saratoga Springs, Lake George and White Hall at 71 a.m., (arriving one hour in advance of the train from Albany,) and at 31 p.m. Returning, leave Saratoga at 9 a.m. and 31 p.m., (reaching Troy in time for the evening boats to New York.) Cars also leave Troy for the Burrough at 32 p.m. and 7 p.m., connecting with packet boats for the north. This takes passengers from New York and Boston to Montreal in 44 hours.

N.B. Travellers will find the routes through Troy most convenient and economical, and as expeditious as any other. The steamboats to and from New York land within a few steps of the railroad office, and passengers are taken up and landed by the different railroad lines at the doors of principal hotels, thus saving all necessity for, and annoyance from, hack drivers, cabmen, runners, etc.

Aug. 3, 1846.

1y 32

BALTIMORE AND OHIO RAILROAD.
MAIN STEM. The Train carrying the
Great Western Mail leaves Bal-ST. Cumperiand at 8 o'clock, passing Ellicott's Mills, Frederick, Harpers Ferry, Martinsburgh and Hancock, connecting daily each way with—the Washington Trains at the Relay House seven miles from Baltimore, with the Winchester Trains at Harpers Ferry—with the various railroad and steamboat lines between Baltimore and Philadelphia and with the lines of Post Coaches between Cumperiand and Wheeling and the fine Steamboats on and with the lines of Post Coaches between Cumberland and Wheeling and the fine Steamboats on the Monongahela Slack Water between Brownsyille and Pittsburgh. Time of arrival at both Cumberland and Baltimore 5; P. M. Fare between those points \$7, and 4 cents per mile for less distances. Fare through to Wheeling \$11 and time about 36 hours, to Pittsburgh \$10, and time about 32 hours. Through tickets from Philadelphia to Wheeling \$13, to Pittsburgh \$12. Extra train daily except Sundays from Baltimore to Frederick at 4 P. M., and from Frederick to Baltimore at 8 A. M.

WASHINGTON BRANCH. WASHINGTON BRANCH.

Daily trains at 9 A. M. and 5 P. M. and 12 at night from Baltimore and at 6 A. M. and 5 P. M. from Washington, connecting daily with the lines North, South and West, at Baltimore, Washington, and the Relay house. Fare \$1 60 through between Baltimore and Washington, in either direction, 4 cents per mile for intermediate distances. \$13yJ

ANUFACTURE OF PATENT WIRE
Rope and Cables for Inclined Planes, Standing Ship Rigging, Mines, Cranes, Tillers etc., by
JOHN A. ROEBLING, Civil Engineer,
Pittsburgh, Pa.
These Ropes are in successful operation on the
planes of the Portage Railroad in Pennsylvania, on
the Public Slips, on Ferries and in Mines. The
first rope put upon Plane No. 3, Portage Railroad,
has now run 4 seasons, and is still in good condition.

TROY RAILROADS.—IMPORTANT NOtice.—Troy and Greenbush Railroad, forming
a continuous track from Boston
to Buffulo and Saratoga Springs.
This road is new, and laid with the heaviest iron H
tail. Trains will always be run on this road connecting at Greenbush each way with the trains to
and from Boston and intermediate places, leaving
Greenbush daily at 1½ p.m. and 6 p.m., or on arrival of the trains from Boston; leave Troy at 7½ a.
m. and 4½ p.m., or to connect with trains to Boston
Trains also run hourly on this road between Troy
and Albany. Running time between Greenbush
and Troy, is minutes.

TROY AND SCHENECTADY RAILROAD.
This road is laid its entire length with the heavi-

Way points in proportion.

PITTSBURG, GETTYSBURG AND HARRISBURG.

Through tickets to Pittsburg via stage to Har-a horse car is run to Green Spring and Owing's

CENTRAL RAILROAD-FROM SAVAN-nah to Macon. Distance 190 miles. This Road is open for the trans-Preight. Rates of Passage, \$8 00. Freight—
On weight goods generally... 50 cts. per hundred.
On brls. wet (except molasses and oil) \$150 per hared.

NEW YORK & HARLEM RAILROAD CO.—Winter Arrangement,

On and after Monday, November 23, 1846, the cars will run as follows:

Leave 27th street for 42d street, Deaf and Dumb Institute, Yorkville, Harlem Morrianna, and Williams' Bridge, at 7 o'clock a.m. From City Hall for above named places, 2 p.m. [freight train,] 2:30 p.m. 5 p.m. to Morrisiania only.

Leave City Hall for Harlem, Morrisiania, Fordham and Williams' Bridge, at 7 45 a.m., and 10:45

ham and Williams' Bridge, at 7 45 a.m., and 10 45 a.m.; 1 15 p.m., 2 p.m. [freight train], 2 30 p.m. and 3 45 p.m.

Leave City Hall for Hunt's Bridge, Bronx, Tuc kahoe, Hart's Corners White Plains, Davis' Brook, Unionville and Pleasantville, [Pleasantville 4 miles from Sing Sing,] 7 45 and 10 45 a.m.; 1 15 p.m., 2 p.m. [freight train], and 3 45 p.m.

RETURNING.
Leave Pleasantville, at 8, 10, [freight train], and

Leave Pleasantville, at 8, 10, [freight train], and 11, a.m.; 1 30, and 4, p.m.

Leave White Plains, at 8 12, 10 30, [freight train] and 11 20 a.m.,; 1 50, and 4 20, p.m.

Leave Tuckahoe, 8 35, 10 55, [freight train,] and 11 35, a.m.; 2 05, and 4 35, p.m.

Leave Williams' Bridge at 7 45, 8 50 and 11 50 a.

m.; 2 20, 4, and 4 50 p.m.

Leave Morrisiania 8 and 9 05 a.m.; 12 05, 2 35, 4 20, 5, 6 and 6 p.m.

4 20, 5 05 and 6 p.m. Leave Yorkville, at 8 12 a.m.; 4 35 and 6 15 p.m.

SUNDAY ARRANGEMENTS.

Leave City Hall for Pleasantville and intermediate places, at 7 45 a.m.; 1 15 and 3 p.m.

Leave Pleasantville for City Hall, at 8 a.m.; 11,

and 3 15 p.m.

Leave City Hall for Williams' Bridge and inter-

mediate places, 10 45 a.m.; 2 30 p.m.

Leave Williams' Bridge for City Hall, at 8 50 and 11 50 a.m.; 1, 3 45 and 4 05 p.m. 1y49

PHILADELPHIA, WILMINGTON & BALTIMORE RAILROAD, -- 1847. Philadelphia for Baltimore. 8 u.m. and 4 p

Baltimore for Philadelphia . . . 9 a.m. and 8 p.m. Connecting in Baltimore with Mail Lines south and west, as per notice of the Baltimore and Ohio Rail-road—and with Mail Lines north from Philadelphia,

both morning and afternoon. Sundays, the Morning Lines do not run in either direction.

Accommodation train from Wilmington to Philadelphia, leaves Wilmington at 8 a.m., and returns at 2 p.m.

J. R. TRIMBLE,

3f Engineer and General Superintendent.

GEORGIA RAILROAD. FROM AU-GUSTA to ATLANTA-171 MILES. AND WESTERN AND ATLANTIC RAILBOAD FROM AT-This Road in connection with

This Road in connection with the South Carolina Railroad and Western and Atlantic Railroad now forms a continuous line, 388 miles in length, from Charleston to Oothcaloga on the Oostenaula River, in Cass Co., BUTTLE VENEGOURAGE

	RA	TES OF FREIGHT.	Between Angusta and Onthraloga and Dalton	Between Charleston Oothcaloga
1	DAME CITCH	oly spanish beatings you	250 miles.	386 miles.
	1st class.	Boxes of Hats, Bonnets,	STATION I	THERESE
1	an on partie	and Furnature, per cu-		00.00
1	order at the		\$0 16 m	\$0 26
d	2d class.	Boxes and Bales of Dry	require	miden
ı	on oracle to	Goods, Sadlery, Glass,	winime	Le no
	evine ste	Paints, Drugs and Con-	1 00	1 50
	01 1	fectionary, per 100 lbs.		1 50
	3d class.	Sugar, Coffee, Liquer,		POSTNIA
	Hittam ni	Bagging, Rope, Cotton	Purper Links	EN 203
		Yarns, Tobacco, Lea- ther, Hides, Copper,	Barrison	meth in
		Tin, Feathers, Sheet		69
Ì	Animatine.	Iron, Hollow Ware,		37
		Castings, Crockery, etc.		0 85
	4th class.	Flour, Rice, Bacon, Pork,	TTAS	0 00
		Beef, Fish, Lard, Tal-	The state of	- 0
1	CELET	low, Beeswax, Bar	199 928	30113
14	18G	Iron, Ginseng, Mill		time o
Ü	0 01	Gearing, Pig Iron, and	93800	Cond 3
١	100 000	Grindstones, etc.	0 45	0.70
0	FB	Cotton, per 100 lbs		0 65
-	0.00	Molasses, per hogshead.	8 50	13 50
1		" barrel	2 00	3 25
,	1,000	Salt per bushel	0 17	g enc
þ	1 & ,	Salt per Liverpool sack	summe	95
	11	Ploughs, Corn Shellers,	· MISUP	Onn a
1	16	Cultivators, Straw Cut-	on layou	Penins
•		ters, Wheelbarrows,	0 75	1 37

German or other emigrants, in lots of 20 or more, will te carried over the above roads at 2 cents

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per mile. Goods consigned to S. C. Railroad Co. will be forwarded free of commissions. Freight may be paid at Augusta, Atlanta, or Oethcaloga.

J. EDGAR THOMSON,

Ch. Eng. and Gen. Agent. Augusta, Sept. 2d, 1846.

THE WESTERN AND ATLANTIC
Railroad.—This Road is now in operation to
Oothealoga, a distance of 80 miles, and connects
daily (Sundays excepted) with the Georgia Railroad.

From Kingston, on this road, there is a tri-weekly From Kingston, on this road, there is a tri-weekly line of stages, which leave on the arrival of the cars on Tuesday, Thursday and Saturday, for Warrenon, Huntsville, Decatur and Tuscumbia, Alabama, and Memphis, Tennessee.

On the same days, the stages leave Oothcaloga for Chattanooga, Jasper, Murfreesborough, Knoxville and Nashville, Tennessee.

This is the most expeditions route from the east to any of these places.

any of these places. CHAS. F. M. GARNETT, Atlanta, Georgia, April 16th, 1846.

CENTRAL AND MACON AND WEST-ern Railroads, Ga — These Roads with the Western and Atlantic Railroad — connecting at Xinia and Springof 371 miles, viz: On Weight Goods-Sugar, Coffee, Liquor, Bagging, Rope,
Butter, Cheese, Tobacco,
Leather, Hides, Cotton
Yarns, Copper, Tin, Bar &
Sheet Iron, Hollow Ware & Stones 0 50 On Measurement Goods—Box-0 621 under 12 years of age, half price,
Savannah to Macon, \$7.

3 Goods consigned to the subscriber will be forwarded free of Commissions.

3 Freight may be paid at Savannah, Atlanta or Oothealoga.

F. WINTER, Forwarding Agent, C. R. R. Savannah, Aug. 15th, 1846. GREAT SOUTHERN MAIL LINE 1 VIA

TREAT SOUTHERN MAIL LINE! VIA Washington city, Richmond, Petersburg, Weldon and Charleston, S. C., direct to New Orleans. The only Line which carries the Great Southern Mail, and Twenty-four Hours in advance of Bay Line, leaving Baltimore same day.

Passengers leaving New York at 4½ P.M., Philadelphia, at 10 P.M., and Baltimore at 6½ A.M., proceed without delay at any point, by this line, reaching Richmond in eleven, Petersburg in thirteen and a half hours, and Charleston, S. C., in two days from Baltimore. Baltimore.

RAILROAD SCALES, --- THE ATTEN-tion of Railroad Companies is particularly re-quested to Ellicotts' Scales, made for weighing loadquested to Ellicotts' Scales, made for weighing loaded ears in trains, or singly, they have been the inventors, and the first to make platform scales in the United States; supposing that an experience of 20 years has given a knowledge and superior advantage in the business.

The levers of our scales are made of wrought iron, all the bearers and fulcrums are made of the best cast steel, laid on blocks of granite, extending across the pit, the upper part of the scale only being made of wood. E. Ellicott has made the largest Railroad Scale in the world, its extreme length was one hundred and twenty feet, capable of weighing ten loaded cars at a single draft. It was put on the Mine Hill and Schuylkill Haven Railroad.

We are prepared to make scales of any size to

Mine Hill and Schuyikili Haven Railroad.

We are prepared to make scales of any size to weigh from five pounds to two hundred tons.

ELLICOTT & ABBOTT.

Factory, 9th street, near Coates, cor. Melon st.

Office, No. 3 North 5th street,
Philadelphia, Pa. L BALL & COEyl

Western and Atlantic Rantou
of the State of Georgia, form a
out line from Savannah to Oothcaloga, Ga.,
niles, viz:

Miles.

Co's. daily daylight lines of stages going east and north, to Columbus, Zanesville, Wheeling, Cleveland, and Sandusky City. via Urbana, Bellefontaine, Kenton, and the Mad river and lake Eric fontaine, Kenton, and the Mad river and lake Eric fontaine, Kenton, and the Mad river and lake Eric fontaine, Kenton, and the Mad river and lake Eric fontaine, Kenton, and the Mansfield and Sundusky City railroad—forming, by these connections, the cheapest and most expeditious route to Buffalo, Niagara Falls, Roehester, Albany, New York, and Bostop.

Buffalo, Niagara Falls, Roehester, Albany, New York, and Boston.

On and after Thursday, August 13, 1846, until further notice, a Passenger train will run as fillowa:
Leave Cineinnati daily at 9 A. M., for Milford, Foster's Grossing, Deerfield, Morrow, Fort Ancient, Freeport, Waynesville, Spring Valley, Xenia, Old Town, Yellow Springs, and Springfield.

Returning, will leave Springfield at 4 hours 35 minutes A. M. A line of Hacks runs in connection with the Cars, between Deerfield and Lebanon.

Fass—From Cincinnati to Lebanon... \$1 00

FARE—From Cincinnati to Lebanon ... \$1 00
" Xenia ... 1 50
" Springfield .. 2 00 " Columbus... 4 00
" Sundusky city 8 00 - 11 46

The Passenger trains runs in connection with Strader & Gorman's line of Mail Packets to Louis-

Tickets can be procured at the Broadway Hotel, Dennison House, or at the Depot of the Company, on East Front street.

Further information and through tickets for the Stage lines, may be procured at P. Campbell, Agent on Front street, near Broadway.

The company will not be responsible for baggage beyond 50 dollars in value, unless the same is returned to the conductor or agent, and freight paid at of a passage for every \$500 in value over that

amount.

The 11 P. M. train from Cincinnati, and the 2 40 P. M. train from Xenia, will be discontinued on and after Monday, the 10th instant.

A freight train will run daily.

W. H. CLEMENT, Sup't.

SOUTH CAROLINA RAILROAD.—A
Passenger Train runs daily from Charleston,

with trains on the Georgia, and Western and Atlantic Railroads—and by stage lines and steamers connects with the Montgomery and West Point, and the Tuscumbia Railroad in N. Alabama.

Fare through from Charleston to Montgomery daily. \$26 50
Fare through from Charleston to Huntsville,
22 00

ceive merchandize consigned to their order, and to Fare from Baltimore to Charleston......\$21 00 forward the same to any point on their road; and to

Richmond....... 6 60 the different stations on the Georgia and Western and Atlantic railroad; and to Montgomery, Ala., by the West Point and Montgomery Railroad. 1y25 JOHN KING, Jr, Agent.

RAILWAY IRON.—THE BEST QUALITY
of English Heavy H Rails—60 lbs. to the yard
now in store, landing from the vessel, and on ship
board to arrive, for sale on most favorable terms by
DAVIS, BROOKS & CO.,
Jan 2. [itf] 68 Broad St., New York.

To RAILROAD COMPANIES AND MANufacturers of railroad Machinery. The subscribers have for sale Am. and English bar iron, of all
sizes; English blister, cast, shear and spring steel;
Juniata rods; car axles, made of double refined iron;
sheet and boiler iron, cut to pattern; tiers for locomotive engines, and other railroad carriage wheels,
made from common and double refined B. O. iron;
the later a very superior article. The tires are the latter a very superior article. The tires are made by Messrs. Baldwin & Whitney, locomotive engine manufacturers of this city. Orders addressed to them, or to us, will be promptly executed.

When the exact diameter of the wheel is stated in

when the exact the wheels is guaranteed, saving the order, a fit to those wheels is guaranteed, saving to the purchaser the expense of turning them out inside.

THOMAS & EDMUND GEORGE,

a45 N. E. cor. 12th and Market sts., Philad., Pa. 1910

THOMAS & EDMUND GEORGE,

BY THOMAS & EDMUND GEORGE,

THOMAS & EDMUND GEORGE,

BY THOMAS & EDMUND GEORGE,

THOMAS & EDMUND GEORGE,

BY THOMAS & EDMUND GEORGE,

THOMAS & EDMUND GEORGE,

BY THOMAS & EDMUND GEORG

RAILROAD IRON.—THE SUBSCRIBER'S New Rail Iron Mill at Phonixville, Pd., is expected to be ready to go into operation by the 1st of September, and will be capable of turning out 30 to to tons or finished Rails per day. They are now prepared to receive orders to that extent, deliverable after the 1st of Octobet next, for heavy rails of any pattern now in use, equal in quality and finish to best imported.

PIG IRON.—They are also receiving weekly 150 to 200 tons of No. 1 Phoenix Foundry Iron, well

o 200 tons of No. 1 Process
to 200 tons of No. 1 Process
adapted for light castings.
REEVES, BUCK & CO,
45 North Water St., Philadelphia,
or by their Agent, ROBT. NICHOES,
79 Water St., New York:

NICOLL'S PATENT SAFETY SWITCH
for Railroad Turnouts. This invention, for some time in successful operation on one of the principal railroads in the country, effectually prevents engines and their trains from running off the tracifat a switch, left wrong by accident or design.

It acts independently of the main trackrulls, being laid down, or removed, without cutting or displacing them.

them.

It is never touched by passing trains, except when in use, preventing their running off the track. It is simple in its construction and operation, requiring only two Castings and two Rails; the latter, even if much worn or used, not objectionable.

Working Models of the Safety Switch may be seen at Messrs. Davenport and Bridges, Cambridgeport, Mass., and at the office of the Railroad Journal, New York.

New York.

Plans, Specifications, and all information obtained on application to the Subscriber, Inventor, and Pa-tentee G. A. NICOLLS, ja45 Reading, Pa

Reading, Pa.

THE SUBSCRIBERS, AGENTS FOR
the sale of

the sale of Codorus,
Glendon,
Spring Mil and Valley,
Have now a supply, and respectfully solicit the patronage of persons engaged in the making of Machinery, for which purpose the above makes of Pig Iron are particularly adapted.
They are also sole Agents for Walnon's celebrated Fire Bricks and prepared Kaolin or Fire Clay orders for which are promptly supplied.

SAM'L. KIMBER, & CO.,
59 North. Wharves,
1846. [1y4] Philadelphia, Pa.

Jan. 14, 1846. [1y4] Philadelphia, Pa.

PAILROAD IRON.—THE "MONTOUR

Iron Company," Danville, Pa., is prepared to execute orders for the heavy Rail Bars of any pattern now in use, in this country or in Europe, and equal in every respect in point of quality. Apply to MURDOCK, LEAVITT & CO.

77 Pine St., New York.

RAILWAY IRON.—DAVIS, BROOKS & Co., No. 68 Broad Street, have now in port on Ship-board, 200 Tons of the best English heavy Hails, 60 lbs, to the lineal yard, which they offer for sale on favorable terms, also, about 6 to 700 Tons now on the way, to arrive shortly, of the same of scription of Rail.

DIG AND BLOOM IRON.-THE SUBSCRI bers are agents for the sale of numerous brands of Charcoal and Anthracite Pig Iron, suitable for Machinery, Railroad Wheels, Chains, Hollowware etc. Also several brands of the best Pudding Iron, Juniatta Blooms suitable for Wire, Boiler Plate, Axe Iron, Shoyels, etc. The attention of those engaged in the manufacture of Iron is solicited by

A. WRIGHT & NEPHEW,

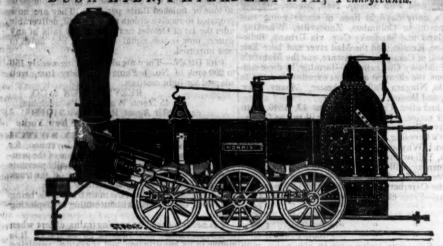
12tf Vine St. Wharf, Philadelphia.

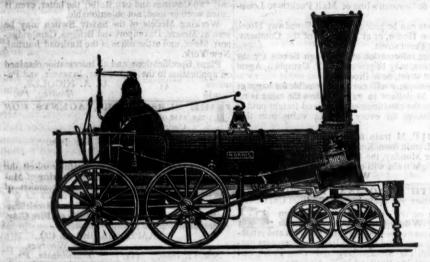
THE SUBSCRIBER IS PREPARED TO

THE SUBSCRIBER IS PREPARED TO
execute at the Treuton from Works, orders for
Railroad Iron of any required pattern, and warranted equal in every respect in point of quality to the
best American or imported Rails. Also on hand
and made to order, Bar Iron, Braziers' and Wire-

Loke lyand

NORRIS' LOCOMOTIVE BUSH HILL, PHILADELPHIA, Pennsylvania.





MANUFACTURE their Patent 6Wheel Combined and 8 Wheel Locomotives of the following descrip-

Class	1,	15 i	nches	Dia	meter	of	Cyl	inder,	X	20	inches	Stroke	
"	2,	14		14		1	- 66			24	- 44	66	
44	3,	144	ěe . / .	4	86				X	20	"		
. "	4.	124		и .	- 44		. "	- Phon	X	20			
66	5,	114		64	- 44		"	W note	X	20		66	
		10	25 25	25	- 11		66	C I	X	18	cc		

With Wheels of any dimensions, with their Patent Arrangement for-Variable Expansion. Castings of all kinds made to order: and they call attention to their Chilled Wheels, for the Trucks of Locomotives, Tenders and Cars.

NORRIS, BROTHERS.

BRINLEY, Manufacturer, Perth Amboy, N. J. Guaranteed equal to any, either domestic or foreign. Any shape or size made to order. Terms, 4 mos. from delivery of brick on board. Refer to

James P. Allaire,
Peter Cooper,
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J. Triplett & Son, Richmond, Va.
J. R. Anderson, Tredegar Iron Works, Richmond, Va.

J. R. Anderson, Tredegar Iron Works, Richmond, Va.
J. Patton, Jr.
Colwell & Co.
J. M. L. & W. H. Scovill, Waterbury, Con.
N. E. Serew Co.
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35,000 to 30,000 made weekly.

THE NEWCASTLE MANUFACTURING

VALUABLE PROPERTY ON THE MILL.

Dam For Sale. "A lot of land on Gravelly Point, so called, on the Mill Dam, in Roxbury, fronting on and east of Parker street, containing 48,497 square feet, with the following buildings thereon standing.

Main brick building, 120 feet long, by 46 ft wide, two stories high. A machine shop, 47x43 feet, with large engine, face, screw, and other lathes, suitable to do any kind of work.

Pattern shop, 35x32 fe, with lathes, work benches, Work shop, 86x35 feet, on the same floor with the pattern shop.

pattern shop.

pattern shop.

Forge shop, 118 feet long by 44 feet wide on the ground floor, with two large water wheels, each 16 feet long, 9 ft diameter, with all the gearing, shafts, drums, pulleys, &c., large and small trip hammers, turnaces, forges, rolling mill, with large balance wheel and a large blowing apparatus for the foundry.

Foundry, at end of main brick building, 60x454 ject two stories high, with a shed part 454x20 feet, containing a large air furnace, cupola, crane and corn oven.

Store house—a range of buildings for storage, etc.,

Store house—a range of buildings for storage, etc., 200 feet long by 20 wide.

Locomotive shop, adjoining main building, fronting on Parker street, 54x25 feet.

Also—A lot of land on the canal, west side of Parker st., containing 6000 feet, with the following buildings thereon standing:

Boiler house 50 feet long by 30 feet wide, two stories

ries.

Blacksmith shop, 49 feet long by 20 feet wide.
For terms, apply to HENRY ANDREWS, 48
State st., or to CURTIS, LEAVENS & CO., 106
State st., Boston, or to A. & G. RALSTON & Co.,

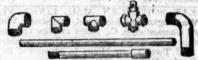
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TO RAILROAD COMPANIES AND BUILD-ERS OF MARINE AND LOCOMOTIVE ENGINES AND BOILERS.

PASCAL IRON WORKS.

WELDED WROUGHT IRON TUBES

WESSEL WHOSE AND A STATE OF THE STATE OF THE



Manufactured and for sale MORRIS, TASKER & MORRIS.
archouse S. E. Corner of Third & Walaut Street PHILADELPHIA.

NO LOCOMOTIVE AND MARINE ENgine Boiler Builders. Pascal Iron Works, Philadelphia. Welded Wrought Iron Flues, suitable for Locomotives, Marine and other Steam Engine Boilers, from 2 to 5 inches in diameter. Also, gine Boilers, from 2 to 5 inches in diameter. Also, Pipes for Gas, Steam and other purposes; extrastrong Tube for Hydraulic Presses; Hollow Pistons for Pumps of Steam Engines, etc. Manufacture! and for sale by

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Company continue to furnish at the Works, situated in the town of Newcastle, Del., Locomotive and other steam engines, Jack screws, Wrought iron work and Brass and Iron castings, of all kinds connected with Steamboats, Railroads, etc.; Mill Gearing of every description; Cast wheels (chilled) of any pattern and size, with Axles fitted, also with wrought tires, Springs, Boxes and bolts for Cars; Driving and other wheels for Locomotives.

The works being on an extensive scale, all orders will be executed with promptness and despatch. Communications addressed to Mr. William H. Dobbs, Superintendent, will meet with immediate attention.

ANDREW C. GRAY, ad5

President of the Newcastle Manuf. Co.

RAILROAD IRON AND LOCOMOTIVE Tyres imported to order and constantly on hand by

A. & G. RAISTON

Mar. 20tf

ASouth Front St., Philadelphia.

The Battimere American of March 17, contains the following brief sketch of matters relating to a subject which just now occupies the attention of many of our readers and we give the article entire -without comment at present. The American says:

nia-the great object in view being the construction of a road to the Ohio river. The route beyond the confines of Maryland, was branching to different points, the States of Virginia and Pennsylvania were approared to pected and work the road from Cumbertana were for the privilege of carrying the road through and work the road from Cumbertana were their respective territories. The privilege pittsburg would cost about \$6,000,000 less than to Wheeling through Virginia on the road to route indicated by the law, and nearly \$4,000 less than to the mouth of Fishing strike the Ohio at any point above the mouth of the little Kanawha; Pennsylvania opened her territories to the road in view of its termination at Pittsburg.

When the limitations of time designated by these Acts had respectively expired, the road the Wheeling terminus would not be worth by reason of various difficulties not having been so completed, a less liberal disposition choice were between Pittsburg and Wheel prevailed both in Virginia and Pennsylvania ing through Virginia, the former should be towards the work. The former State refuses preferred; and while there is any prospect of the right of way except to one point, and that is conceded under conditions which have decided the company to reject it at once and again. Pennsylvania, also, when requested should not be adopted? again. Pennsylvania, also, when requested should not be adopted."
in 1839 to renew the privileges formerly

The right to make the granted, took occasion to load the renewal with such restrictions and provisos as to ren-der its acceptance impossible.

Closed out from both States the city of Baltimore, if left to her own resources, might have to wait long before an available route to the Ohio would be at her disposal. But it so happens that the city of Pittsburg has secured a charter by which an unobstructed way is obtained from Cumberland, the present terminus of the road, to the Ohio river at Pittsburg—and the facilities of this charter are proffered to the Baltimore company.

Now when it is remembered that the original enterprize of the company contemplated the construction of a road to the Ohio river, without reference to any ascertained route, or definite point of termination, it would seem that the main object aimed at is placed within the company's reach by this proffer on the part of Pittsburg. It will not do to say that Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by this proffer on the part of Pittsburg was never looked to as one of the the company's reach by the compan without reference to any ascertained route, or desirable points on the Ohio at which the Ohio; more than that, it has been found to be the cheapest route. The distance from Cumberland to Pittsburg is 144 miles; and the respective distances from Cumberland to other points on the Ohio are thus set down: other points on the Ohio are thus set down: and to this community and presses for a spector Wheeling, through Pennsylvania, 176 dy answer, whether we shall devote all our miles; through Virginia, 205 miles; to Fish means and efforts to the prosecution of the

Cumberland to the points designated, as reported by B. H. LATROBE, Esq., the compa- Legislature of Virginia may open the way ny's chief engineer, in 1845. The route to a terminus at Fishing creek. Is it not then to Pittsburg, as compared with the route better to go at once to Pittsburgh? We can through Virginia to Wheeling, the only there have a terminus to rest upon; and when, when the Baltimore and Ohio railroad southern route now open to the company, is in the enjoyment of a lucrative trade from that source, the Legislature of Virginia shall in Virginia or Pennsylva-TROBE'S estimate of the expense of construction and operation, it is less expensive by some \$6,000,000. "It has been shown," we will have it in our power to demand terms says Mr. LATROBE, in his report in 1845, from Virginia in the shape of a liberal apundetermined. In order, however, to secure when the Virginia law of that year relative a choice of routes for future selection, or for to the Wheeling route was under considerato the Wheeling route was under considera. North-western Virginia will do this; and we tion by the company, only to be promptly recan leave them to take their own time. would be worth this additional 4,000,000, the Baltimore American says: but it is equally unquestioned that to reach the difference of 6,000,000; so that if the

The right to make the road to Pittsburg upon acceptable terms is obtained from Pennsylvania; the privilege is now at the company's option; the only alternative route to the Ohio is the one to Wheeling which was rejected in 1845, and which Mr. LATROBE says should not be adopted while there is any prospect of obtaining sooner or later, from Pennsylvania the right to make the road upon acceptable terms to Pittsburg.

The cost of construction from Cumberland to the Ohio with double track, and operation with a trade of 150,000 passengers and 60, 000 tons of freight per annum, upon the several lines on which estimates have been made, are stated by Mr. LATROBE in round numbers thus:

road might be happily terminated. The fact routes to the Ohio were open to us, the route a permanent alliance, such an one as will is otherwise. The Pittsburg route has been to Pittsburg would be the shortest and the explored by the company's engineers; and cheapest; and that, as compared with the company. We have had enough of committees thought the shortest route from Cumberland to the only alternative route within our reach) it is its its indience, such an one as will have a binding effect upon the Baltimore company. We have had enough of committees going to and fro, and long winded negoting the shortest route from Cumberland to the only alternative route within our reach) its

ing Creek, 186 miles; to Parkersburg 223 road to the Ohio by the shortest and cheapest

Such are the respective distances from where it now is, at Cumberland, in the vague expectation that at some indefinite time the propriation for the work. The people of

Raticoal to Pittsburg.

The following extracts will give some idea of the state of feeling existing in regard to the road from Baltimore to Pittsburg: we find them in the Pitts-

Our community is awaiting with profound interest the result of the proceedings of the Committee appointed on Monday last at the meeting of the Stockholders of the Battimore and Ohio Railroad Company. It is a subwell founded, that personal intercourse, main tained on both sides in a frank and firiendly spirit, would accomplish, surely and happily, the object of restoring good feeling, and a hearty co operation in the consummation of a purpose of deep concern to both cities.

We observe that the Pittsburgh and Con-nellsville Stockholders' meeting was to take place on Friday, and not Thursday. What disposition was made of the letter of the Baltimore Committee we have yet to learn. following extracts from Pittsburgh papers go to show the importance of having the Com-

mittee present there in person:

From the Pittsburg Gazette, A Committee has been appointed by the Baltimore Stockholders, who will probably reach here in time for the meeting of our Stockholders on Friday. These gentlemen will of course be received with all the courtesy and kindness which their personal character, as well as the importance of their mission, require at our hands; but we hope there will be no official negotiation with them, un-It thus appears that if the choice of all less they come clothed with power to contract

From the Pittsburg Journal,

A committee has been appointed to visit of all the routes, or suffer the road to stop Pittsburg, for the purpose of coming to a The committee is composed of gentlemen the various propositions into consideration, the more than three miles in length, leading whose characters for honor and integrity is and report to an adjourned meeting of the to that town. windoubted one of them has been long and stockholders, to be hel well known to us. We hope that they will afternoon at 3 o'oclock. be received and treated with marked attendance. Messrs. Gazzam, E be received and treated with marked atten-fion, and without any allusions calculated to Ebbs, and Darsie were appointed on the hurt their pride or feelings. Let our conduct to them be in such strong contrast to theirs towards us, as to make them carry hence with them a lasting impression of our true greatness and magnanimity. We should re-member, that we owe one debt to Baltimore, one that should make us pass over many ter railroad respectfully submit the Fifteenth faults, and that is the "determination of Philadelphia to build the Central railroad"—without the rivalry of Baltimore, the old Quakers of the City of Brotherly Love, would never have extended their vision beyond the Schuylkill Baltimore has done us this kindness, and we thank her for it—and we may also thank her for not giving us a chance to precipitate ourselves too deeply into the of the preceding years. Five passenger stock of the Connellsville railroad. The trains and two or more freight trains have surplus capital of Pittsburg will find ample employment in the construction of the Western railroad.

has the following account of the proceedings of the city. - The frequency, regularity and rapidity meeting of the Stockholders of the Pittsburg and of the trains, with their safety and convenience Connellsville road held in that city on Friday

A number of setts of resolutions were offered, and the prespects and present condition of the company discussed with much ability by Messrs. Wm. Robinson, Jr., Loomis, La-rimer, Craft, Craig, Ebbs, Darsie, Denny, Bigham, Bakewell, Gazzam, and others.

ing present, on motion of Col. Robinson, he The Hon. Andrew Stuart, of Fayette, bewas requested to address the meeting. Mr. S. complied in a few very neat and highly practical remarks. Another gentleman from Fayette, whose name we did not hear, also made some remarks, and submitted a series of resolutions.

Mr. Bigham explained his views in relation to the project of a western railroad, in tuted another and stronger motive, has been rity granted to them. his usual animated style.

Mr. Darsie expressed his conviction that tions established for these purposes, with a

stockholders, to be held at Philo Hall this

committee.

Fifteenth Annual Report of the Boston and Worcester Railroad Corporation.

To the Honorable Senate and House of Re-

presentatives:
The Directors of the Boston and Worces Annual report of their proceedings, in compliance with the requisitions of their charter.

The business of the road has been success fully prosecuted during the year without interruption and without serious accident,-There has been a large increase in the transportation of passengers and merchandize, compared with that of the most productive run in each direction daily, except on Sundays, over the whole road, and an equal number of additional passenger trains have run, over The Pittourg Commercial Journal, of Saturday, the part of the road which terminates in the and the moderate rate of charge for passage and freight, are such as to command a large

The directors, as trustees both for the public and for the large number of the stockholders of this corporation, on the occasion of presenting their annual statement exhibiting the works have realized their hope of a fair inthe authority of the Legislature to undertake them, so also the expectation of benefit to the even more signally realized. The corpora-

After a long discussion as to the mode in which the overtures of the Baltimore and ing. In pursuance of this authority, the corposition of Dr. E. D. Gazzam was adopted the request of the inhabitants of Milbury, ing from Natick through Saxonville, and

conclusion in regard to the Connellsville route. for the appointment of a committee to take constructed a branch railroad, which is a lit-

In the year 1845, on the application of the inhabitants of Saxonville, the directors commenced the construction of a branch, four miles in length, leading from Natick to that place. This branch was completed in the following year, and it has been since in regular use. In the year which has just passed, on the application of the inhabitants of Newton Lower Falls, the directors caused a branch railroad to be constructed, leading along the valley of Charles river to that place, which has been recently completed, and regular passenger trains now run between Boston and the Lower Falls village.

Early in the same year, the directors received an urgent application, from a large number of the inhabitants of Holliston, Milford, and some of the adjoining towns, to build a branch railroad leading to those towns. The length of the route here pro-posed is about 12 miles, and the heavy cost which it will involve demanded of the directors a deliberate consideration of the proposi-tion, before they decided upon it. On full examination of the question, having ascer-tained that a favorable route could be obtained-that a large and thriving population were in want of the accommedation, and that they came directly within the scope of the provision The meeting of the Stockholders of the Pittsburg and Connellsville railroad yester day in Philo Hall, was very numerously at bation. The power obtained from this, and other works of a similar character, of rapid Blackstone and Woonsocket, in case the Le-The meeting was organized by Mr. Eich. and easy communication from the centre to gislature should authorize it to be done the baum taking the chair; Dr. E. D. Gazzam of the extremities of the State, has become one resolved on undertaking it. A branch road of the main elements of the public prospectory. through a part of the towns of Sherburne and Ashland, and the centre of Holliston, and terminating near the centre of Milford. All parts of the line are now under contract for grading and masonry, and it is intended that successful operations of the road, feel justified the road shall be completed within the easuin thus alluding to its public benefits, for the ing summer. Although there is no reason purpose of reminding the Legislature that, to anticipate that the increased business which while the projectors of these very expensive will be afforded by the branch will, for the present, afford a full remuneration for the adcome from the capital invested in them, which ditional expenditure required, it was believed constituted one of the motives for soliciting by the directors, to be for the interest of the by the directors, to be for the interest of the corporation, to give this proof of its disposition to extend the benefits of their road to all perpublic, in promoting, in various ways, the sons who can reasonably demand accommowelfare of the Commonwealth, which constidation from it, within the limits of the autho-

At the period of the commencement of the Saxonville branch, the directors were requestthe right of way for a western road, and a liberal grant of powers from the Legislature, ed, by the inhabitants of the central village the right of way for a western road, and a charter for the purpose could readily be obtained from the company.

Mr. Loomis eloquently argued in favor of the advantages offered us in the west, as superior to those of the east, by Baltimore. His speech was characterized by such great good sense, and a ready perception of all the points in the case, that it made a very marked impression on the meeting.

After a careful examination of the question, with the aid of the necessary surveys, they declined it, on the ground that, in addition to its charter, for the greater accommodation of persons residing near the route of their railroad, to construct branch railroads to any part of the towns thro' which nient and central station of the main road, at over ground less favorable. They, therefore, spective charters, and it adopts regulations for under a classification conforming with the expressed a willingness to build the direct the conducting of the joint business, and rules under which the books of account have been branch, in case it should be requested, but for the partition of the passage fares and declined building the other. No such request freight, earned on the joint line of transports.

In the returns also of current expenses,

directors of each of those roads, have taken and cars lately introduced upon the road. nimity in town meeting, have authorized a quired on the first opening of the road. town with their request, to be able to carry pose of being immediately laid down. into effect an arrangement, which will as efing this object in the manner proposed, it will date. be necessary to erect a new building, of sufficient dimensions to contain, in distinct apartthese rails; but the necessary preparation
ments, the local trains of the several roads, having been previously made by the as well as the trains which may pass thro of the old rails and the supply of gravel for on the principal routes, and also to afford the improvement of the road bed where nesuitable accommodations for passengers leaving or about to enter the respective trains.-For the completion of this arrangement, the concurrence and co-operation of the five cor- quantity of 900 tons of heavy rails has been porations will, of course, be required.

Since the date of the last annual report, an agreement has been made, with the directors of the Western railroad corporation, for the adjustment of all matters in controversy between the two corporations, which were re ferred to, in that and in former annual reports old rail is of sufficient strength for light en-As a condition of this agreement, the petition gines and loads, and is well adapted for the of that corporation, which was presented to branch roads, on which heavy engines are the Legislature at its last session, praying for not required. its interposition in the support of certain. The subjoint claims resisted by this corporation, and also of information required by law, to be emapetition of the said corporation, which was braced in the annual return, so far as they pending in the Supreme Judicial Court, for are exhibited by the books of the corporation. the appointment of commissioners to deter. The details of expenditure in the construction mine rates of compensation for the transpor and equipment of the road, as charged in the tation of passengers and freight, were both books, have not been entered under so many report, by them subscribed, is true, to the best withdrawn. The agreement is founded on distinct heads of account as are specified in of their knowledge and belief. Before me, the principle, that the two corporations pos- the recent act of the Legislature. The cost sess equal powers and rights under their re- is therefore stated, in the annexed schedule,

has yet been made; but, on a recent application, which were mutually satisfactory to the slight departure from the form prescribed in cation of a number of the inhabitants of the directors of the two roads, the latter taking the printed schedule has been rendered ne village, the question of the best mode of afeffect from the commencement of the fiscal cessary, from the manner in which these commodation which they year then begun. Under these rules and rependitures are charged in the books. Und fording them the accommodation which they year then begun. Under these rules and rependitures are charged in the books. Under require, is now undergoing a revision, by the gulations, the joint business has been success-the several heads of repairs, whether of roa aid of further surveys, with a view to a deciduly conducted during the past year; and it is believed that they have had the effect not penditures not only for repairs strictly speal

the Providence and Worcester, as well as the Nashua and Worcester roads, which are now in progress of construction, at a central yard, a much stronger rail, weighing 63 lbs. point in the town of Worcester, by means of per yard, and corresponding, in weight and stations in the vicinity of one another, or by form, with that of which the second track of one station for the accommodation of the five this road is constructed. This measure had railroads, the directors in pursuance of an in- become necessary, or highly expedient, in conformal understanding, between them and the sequence of the great weight of the engines the initiatory measures for the accomplish. The passenger and freight engines now prinment of this object. To facilitate the execu-cipally used, and adapted to the dimensions tion of this purpose, the inhabitants of Wor- of the trains now transported, are of nearly cester, by a resolution passed with great una-double the weight, of those which were rematerial alteration of two of the streets, in a an early period of the last season, 13 miles central part of the town, near the present of the improved track had been laid, and, durthe following recapitulation, embracing the passenger station of this and the Norwich ing the subsequent part of the year 1100 tons additional items, is subjoined, viz: and Worcester roads. The directors hope, of rails-a quantity sufficient for 11 additional and Worcester roads. The directors hope, or rans—a quantity return for this obliging compliance of the miles of track—were imported, for the purestablishment of the new tariff of duties, by fectually promote the public convenience, as which a reduction was made of about \$10 a it will the advantage of the several corporation in the duty on railroad iron entered after tions whose roads will thus be united at a the 1st of December, offered a sufficient in-single point, and in a central and the best ducement for making a deposit of the iron in adapted part of the town. For accomplish-the custom house stores, until after that

> This caused a delay in the laying down of having been previously made, by the removal cessary, the work has been prosecuted, under some disadvantages, during the winter. This work is not yet finished. An additional contracted for in England, to be delivered early in the next summer. This will be sufficient, with what is now on hand, to complete the improved track, with the heavy rails, for a length of 33 miles, leaving but 11 or 12

The subjoined statement contains the items The cost

In the returns also of current expenses, a penditures are charged in the books. Und the several heads of repairs, whether of road venient mode of uniting this road, at Worces ter, with the Western, and Norwich and Worcester railroads, and also of establishing a connection between each of these road.

The directors have personned in the control of these road. perty under that head, beyond the amount which represents it in the general stock; in which case, the excess charged to the appropriate head of the general account, and the residue to repairs. For this purpose, an establishment of the second timate is made, as nearly as is practicable, before the closing of each year's accounts, of the property under each head of account, and of the amount of depreciation beyond the repairs, in comparison with the additions. The several heads of current expenditures for re pairs, therefore, in all cases, include additions to the stock under the above limitation.

As the items embraced in the prescribed form of return do not embrace all the descriptions of property of the corporation, so as to exhibit the balance of its assets and liabilities,

Original cost of road and equipment, with that of additions when the am't exceeds in value that of depreciation, as given in the annexed sched! \$3,485,232 43 ash, notes receivable, shares in stock of the corporation, stock of the corporation, stock ace't, including rails not laid down, fuel, oil, stock of car building, machine, and repair shops, etc... 338,697 69

Liabilities, viz: . 3,500,000 00 154,204 25

Balance of net profits undivided, Dec. 1

Surplus not divided With these explanations, the undersigne hereto subjoin the return required by law, which is respectfully submitted.

Nathan Hale, Daniel Denny, Eliph. Williams, Nathaniel Hammond, Benjamin F. White, John Hathaway, Abraham T. Lowe, Samuel Greele.

Boston, Jan. 26, 1847.

SUFFOLK SS. Boston, Jan. 29th, 1847. Then personally appeared the above-named Nathan Hale, Eliphalet Williams, Nathaniel Hammond, Benjamin F. White, John Hatha-way, Abraham T. Lowe and Samuel Greele, and severally made oath that the foregoin

GEORGE BEMIA, Justice of the Peace.

Massachusetts Annual Ratiroad	i namera intropy atomo	White of the location and the state of the	400 940
Return of the Boston and Worcester Railroad, under	or business, end rules ly	Number of passengers carried in the cars	2,766,523
Capital stock		Number of tons of merchandize carried in the cars. Number of tons of merchandize carried one mile	
Increase of capital since last report	2,900,000	Number of passengers carried one mile, to and from	declined building the of
Capital paid in since last report	600,000 ratte ant st	Number of tons carried one mile, to and from other	O TO THE TOTAL THE STATE OF THE
Funded debt, per last report		roads	5,171,664
Funded debt paid since last report	None.	including stops. Average rate of speed adopted for freight trains, in-	22 miles per hour.
Funded debt, increase of, since last report Total present amount of funded debt		cluding stops	9 miles per hour.
Floating debt, per last report	to had the effect ner	Estimated weight in tons of passenger trains, includ- ing engine and tender, but not including passen-	of an virus it again note
Floating debt, increase of, since last report	tilo Ind anign deci si	gers, hauled one mile9	,555,301 tons, of 2000 lbs.
Total present amount of floating debt	A CONTRACTOR OF THE CONTRACTOR	Estimated weight of merchandize trains, including engine and tender, but not including freight, haul-	venions made of uniting
Average rate of interest per annum on do	154,904 25	ed one mile	1,198,294 tons, do.
COST OF BOAD AND EQUIPMENT.	he old mil of the first	For repairs of road, maintenance of way, exclusive	A 12 6 (219) 2049 200
For graduation and masonry, per last report For graduation and masonry, paid during the year	lown in 1833, 1834	of wooden truss bridges and renewals of iron	9.652 74
For bridges, per last report	all 20 vehicion fin	For renewals of iron, including laying down	12,132 00 MINER / 511
For bridges, paid during the past year	but the weight and	For wages of switch-men, gate-keepers and flag-men For removing ice and snow	411 95
For superstructure, including iron, per last report	to stams binoserally in	For repairs of fences, gates, houses for flag-men, gate-keepers, switch-men, tool-houses	
For superstructure, including iron, paid during the	Total amount gradu-	Total for maintenance of way	one and fall perbusiano
Total amount expended for superstructure, includ-	ation and masonry, su-	For repairs of locomotives	\$31,534 85
For stations, buildings and fixtures, as per last re-	perstructure and bridging, to November 30th,	For new locomotives to cover depreciation	di lo dona lo grategnila
port	1846 83,219,964 48	For new passenger cars to cover depreciation	16,840 33
past year	porred, are of mearly	For repairs of merchandize cars	18,887 59
Total amount expended for stations, buildings and hatures.	hose which ware re-	For repairs of gravel and other cars	Small, and included in [repairs.
For land, land-damages and fences, per last report.	A bear so, to go	and the man and the control of the particular by St. 191	nimity to town meetin
For land, land-damages and fences, paid during the	and been held, and, dur-	MISCELLANEOUS. For fuel and oil, [fuel, \$50,226 93; oil, \$5,884 93].	\$58,811 96
Total amount expended for land, land-damages and	of the year 1100 cos	For salaries, wages and incidental expenses, charge-	39,505 41
For locomotives, per last report	Candidon II tal tgeh	able to passenger department	and Wurtesier roads.
For locomotives, paid during the past year Total amount expended for locomotives	124,396 69	able to freight department	45,879 65 3,417 73
Por presenger and haggage care per last report	LODA CO. Survey land the land of the lot of the land	For taxes and insurance, [taxes, \$4,041 17; insur-	5,441 66
For passenger and baggage cars, paid during the past year. Total amount expended for passenger and baggage cars. For merchandize cars, per last report. For merchandize cars, paid during the past year. Total amount expended for merchandize cars	pas bend to	ance, \$1,403 49]	ficularly proposed
Total amount expended for passenger and bag-	148,571 26	For repairs of station building, aqueducts, fixtures, furniture.	3,986 10
For merchandize cars, per last report	Struck character and	For interest	HIT PLACE THE AND ALONE
Total amount expended for merchandize cars	con	For amount paid other companies in tolls for pas- sengers and freight carried on their roads, specify-	of the large benefit
For engineering and other expenses, per last report. For engineering and other expenses, paid during the		ing each company	None.
past year	Included in cost of road.	their roads, specifying each company	None.
Total amount expended for engineering and other expenses.	cost of road.	For salaries of president, treasurer, superintendent, law expenses, office expenses of the above offices,	
Total cost of road and equipment.	\$3,485,232 43	and all other expenses not included in any of the foregoing items	15,123 66
CHARACTERISTICS OF ROAD.	Lebras Late savar na	loregoing tems	their vindinistration and
Length of road	444 miles.	INCOME DURING THE YEAR.	983,876 11
Length of double track	44) miles.	For Passengers: 1. On the main road exclusively, including branch	Far the completion of
whether they have a single or double track:	harmed all out by hand	owned by company	None 279,792 59
Weight of rail per yard in main road	8 9-20 miles. 40 to 64 pounds:	2. To and from other roads, specifying what	None, we entitle to a
Weight of rail per yard in branch roads	40 pounds. 30 feet for 141 miles.	1. On main road and branches owned by company. 2. To and from other connecting roads	None. 260,165 42
Maximum grade, with its length in branch roads	30 feet for 21 miles.	[U: S. Mails, \$1,152 91. Rents, \$6,647 02. Other	of the Western miles
Total rise and tall in main road	702 feet.	Income, \$6,954 52]	14,754 45
Millbury 62, Saxonyille 63, Newton 15 feet] Shortest radius of curvature, with length of curve in	140 feet.	Total income	554,712 46
main road	600 feet for 900 feet.	Net earnings after deducting expenses	270,836 35
branch roads	600 feet for 900 feet,	DIVIDENDS.	The state of the state
Total degrees of curvature in main road	1975 degrees.	Four per cent., paid July, 1846\$120,000 Four per cent., payable Jan., 1847. 140,000	the residence of the real
[Millbury 166, Saxonville 336, Newton 75 degrees].	577 degrees.	stepat analorolando asta bas minimas.	260,000 00
Total length of straight line in main road Total length of straight lines in branches:	25·827 miles.	Surplus not divided	10,839 95
Millbury 11, Saxonville 2, Newton 3-5 miles]	4 7-20 miles, 350 feet,	Surplus last year	18,889 45
Whole length of road unfinished on both sides	None.	Total surplus	29,725 80
Miles run by passenger trains	195,699	ESTIMATED DEPRECIATION BEYOND RENEWALS, VIZ:	sugment to nount
Miles run by freight trains	93,008 6,283	Road and bridges	National Contract of the thirt the
Pgtal miles run	294,983	Engines and cars	seas equal powers am

ents will oblige us by sending in their ns by Tuesday morning at latest.

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AMERICAN RAILROAD JOURNAL.

ublished by D. K. MINOR, 105 Chestnut St., Philadelphia

Saturday, April 10, 1847.

Boston and Worcester Railroad.

The Fifteenth Annual Report of this road will be found in this number. In its details it is in the prescribed form required by the Legislature. We shall continue to publish these reports, in their new form, that they may hereafter be refered to for comparison.

Baltimore and Ohio Railroad Report.

We give, in this number, the remainder of this report, commenced in our last-and we give it in full, with all the tables-relating to the business of the year-which will be sure to arrest the attention of professional readers—especially the statement in relation to the comparative cost of working the road with a plate, or an edge, rail; and also statement C, or the detail for 1846. We shall give, in the next number, statement D-or the statement in detail for 1845-similar to that of D, for 1846-which was omitted last year.

The Late Storm.

Since our last number, a very serious storm has occurred, which occasioned much damage in New York, Philadelphia, Baltimore, etc. The magnetic telegraph lines, it appears, were extensively injured. Between Wilmington and thence eastward towards New York, the posts were blown down and the wires broken in various places. The line to Lancaster, Pa., was also much injured. The repairs of the several lines were commenced with energy, but several days elapsed before the communications were restored.

The injuries upon the line between Philadelphia and Baltimore, especially, were very considerableand the "lightning talk" was broken off entirely for some days. In the mean time, important news from city." the army was received in Washington, which was communicated northward by the regular mails.

Table of Railroads in the United States. Correction of its Errors.

We are obliged to the writer of the following letter, for his early attention to our request for accurate information in relation to, or for the correction of, errors in our Table of American Railroads; and we shall esteem it a special favor if other gentlemen. having the means of correcting errors in other roads, will enable us, at an early day to make this table as correct as possible. It requires but little labor on the part of each to enable us to make it a document to make it accurate, up to the present time, it is important that we should be enabled to correct errors resulting from the lack of documents of a recent date in relation to some of the roads. We propose soon to issue another edition of the table-or at least as souri river at St. Louis. soon as we can obtain full returns.

"KEENE, March 25, 1847.

"Dear Sir-In your Table of 'Railroads in the United States,' I observe certain errors

"15. The 'Cheshire' from 'State Line, Fitzwilliam, N. H.' This should be from Ashburnham, Mass., to Bellows' Falls. Length 53 miles, instead of 45-weight of rail 60 lbs.-T pattern.

"Length of Vermont and Massachusetts is 69 miles, instead of 65.

"Central road extends from Windsor, Vt. to Bur lington, 117 miles,

"A new road should be added-the 'Sullivan'extending from Cheshire, at Bellows' Falls, to Central at Windsor-length 25 miles.

"Respectfully yours,

T. M. EDWARDS."

Railroads, Canals, etc.

The Northern New Hampshire railroad has been 15 miles to North Andover by July next. It is exwill be completed to the Connecticut river, and that able, as a matter of accommodation and convenience Montpelier. The receipts of income on the 18 miles can well afford to be liberal in extending accommo last two months, and the net receipts, after deducting expenses, are equal to a rate of 81 per cent, per annum.

The Journal of Commerce states that the \$3,000, 000 subscription to the capital stock of the Hudson River railroad having been completed on the 22d ult., the Directors yesterday made choice of Wm. Chamberlain for President; James Boorman, Vice President, and Treasurer pro. tem.; J. M. Hopkins, Secretary; J. B. Jervis, Chief Engineer, and Forvery good appointments.

The New York correspondent of the Washington Union writes that, "the Directors of the Hudson the best spirit. Two corps of engineers were to take the field on Saturday-one on this island, and the other in Westchester county, from the southern line of the county advancing northward. In a very few days a third corps will be at work in the Highlands. The road will go on as fast as possible, and its friends hope will be well nigh finished before its gainsayers are done croaking that it will never be commenced. Push on-room enough for all! No tons by railroad. fear that we shall get too many railroads from this

The Knickerbocker will take her place at once upon the Norwich and Worcester line to Boston .-The Worcester will haul off to repair, and afterward, Saturday, at the following quotations: with the Knickerbocker, will form the SUMMER line to Boston. These boats are both too well known to the public to require any commendation.

The Directors of the Terre Haute and Richmond railroad company had their first meeting on the 4th ult. at Terre Haute. The Board have determined to open books for the subscription of stock at an early day in April, at Terre Haute, Greencastle, Indianapolis and Richmond; and at St. Louis, Cincinnati, and other cities, as soon as the convention, of great value to those interested in railroads. Yet, which is to assemble in May next at Indianapolis, shall determine on the best plan of operations. This road across the State of Indiana, is intended as a link in the great chain of railway from the Atlantic sonable margin between the amount loaned and th by way of Baltimore and Philadelphia, to the Mis-

A mass meeting of the citizens of Penobscot, siness man can possibly have.

Somerset, and Piscataque, was held at Dexter, Me., in reference to a railroad from the Kennebec to Bangor. Resolutions were adopted, declaring that in the opinion of the meeting, the time had come when a railroad from the Kennebec river to Bangor can be accomplished, and that the citizens between those rivers "can and will subscribe to the stock of the Penobscot and Kennebec railroad, the sum of \$200,-

The Railroad Committee of the Massachusetts Legislature have reported a bill authorizing the Fitchburg railroad company, to extend their road into Boston and construct a depot on that side of the bridge. The authorities of the city, remarks the Traveller, as is known, remonstrated against this, chiefly from apprehension of danger to passengers over the Warren bridge, which bridge it is designed to use for the track. We understand, however, that open for use to Franklin, a distance of 18 miles from it is contemplated to construct the railway so distinct Concord, during the last two months. It is expected from the bridge as to remove all reasonable grounds that the cars will be running a further distance of of apprehension. It is not only just that the Fitchburg railroad should enjoy equal advantages with pected that in the course of the year the whole road the other railroad in this respect, but it is very desirwithin the same period the Central road in Vermont to travellers to and from the city, that the depot of will be completed, from the Connecticut river to that road should be located within the city. Boston of railroad already open, have exceeded \$8000 in the dations to railroad companies. The bill in favor of the proposed depot passed its third reading unanimously, in the Senate on Wednesday.

We learn from the Baltimore American, that large numbers of boats are on their way down the Pennsylvania and Tide Water canals, laden with produce for the Baltimore market. The chain of works is said to be in good order, and a large business is anticipated.

The Tide Water canal is now fairly in operation, boats having arrived from Columbia. The Have tune C. White, Land Commissioner. These are all de Grace boats were loaded with lumber, and left or Baltimore in tow of the steamboat Wolcott.

The navigation of the Pennsylvania canal has been delayed by the unfinished state of a new name-River railroad are pushing forward the works with duct at Conewango Falls. The whole line is now in operation we learn, and a large business may be expected

> The Susquehanna river has been navigable for arks and rafts for some days, and a quantity of lumber has arrived at Port Deposite,

The Pottsville Miners' Journal, of Saturday, says, the quantity of coal sent this week is 20,436-10 tons making the total quantity sent this season 195,852-03

The subscriptions to the stock of the Pennsylvania Central railroad, amount to \$3,037,650 or 60,-753 shares.

The railway share market closed, in Boston, on

isariwa affects in		ord-orlandika	Offered.	Asked
Lowell Railro	ad par	\$500	580	590
Nashua			1284	
Concord		50	681	69
Fitchburg	do.	. 100	123	194
Worcester	do.	100	116	117
Western	do.	100	1001	101
Maine	do.	100	1091	110
Providence	do.	100	104 .	104
Eastern	do.		107	
- Portland	do.	100	1001	101
Old Colony	do.	100	981	99

The Courier adds-These solid securities are like gold dust in the market, and are always sure of com manding the needful, on hypothecation, with a re current price of the stock. Railroad property, of the dividend class, is the best endorser which a bufor the branch railroad to Cape Cod.

The feeling in favor of railroads in Maine is still on the advance; and meetings are called in every section of that State, having for their object, the extension of railroad facilities. We are glad to see projects already under way there-while new proposals, and new routes are constantly being pressed upon the consideration of capitalists in that region.

The Telegraph System.

The late storms seem to have produced havoc among the lines of telegraph, In every direction they have been thrown down, and in at least one case, where they have been constructed along lines of railroads, a serious accident has been occasioned to a train, attended, we believe, with loss of life, in consequece of the locomotive having been entangled in the wires of the telegraph, which had been broken, and thrown down by the gale.

These accidents, coupled with the frauds previous ly perpetrated on the public, by the cutting of the wires, on the arrival of steamers from England, show something wrong in the present system, and a few suggestions on the subject, it seems to us, may

not be out of place.

It appears to us, that the plan of the agent of Mr. Morse, and his associates, (Mr. Amos Kendall) for deriving the maximum profit, from the improvement, is calculated to lead to a most imperfect system. It is generally understood that Mr. Kendall refuses to sell the patent on any route, or to allow its use on any terms, other than on the condition of the patentees, having as a consideration for the use of the patent, one-half the stock, or property, in any line on which it may be used. The exaction of this enormous bonus deters prudent men, who perceive that it must necessarily lead to other plans of telegraph being introduced, from embarking capital to any extent in lines so organized. As a consequence, the lines are, we understand, in some cases, undertaken by persons of very limited means, who are induced to subscribe by contractors engaged to raise the subscriptions, on condition of being employed to put up the telegraphs at a specified sum per mile, of the posts hereafter for other lines or plans of teleusually much above the fair value of the work .-The temptation is, of course, a very great one to the contractor to expend as little as possible, and to put of this system is, that while the railroad tracks up these lines in the cheapest and frailest mannerand thus, while the capital stock issued for each of and the risk of accidents from them be proportionathese lines, under this system of double bonus, is bly diminished, an opening would be made for the about fourfold their actual cost—the lines themselves largest possible competition hereafter, in the conare of the most imperfect character. In some cases, veyance of intelligence, whether on one or many where leave has been had of the railroad companies, plans. The public and the railroad companies they are taken along lines of railroad; in other cases along common roads; but the permission, when they in having better telegraphs, guarded, and kept in betare taken along railroads, has been usually given ter order, and operated by competing companies, the by the railroad companies subject, at any time, to be latter in profits which they would derive from the revoked on short notice, and we do not hear of any rent of wires to, or a share in the the operations of, instance in which arrangements have been made with the railroad companies for the prompt repair have only the expense of keeping in order single of the telegraphs when out of order, or for giving to lines of posts and wires, an object obviously much the lines of telegraph the benefit of the police of the better effected by the railroad companies than by any railroad companies, which might be so invaluable, other agency. for their protection.

Imperfect as it is, it has become a monopoly of the in many cases-may be made a source of great conclosest kind, and threatens to be one of a monstrous venience and value to the public, and of handsome character. Some two or three, or a small number profit, to railroad companies. Under such a system, of individuals, of whom Mr. Kendall is the co-part- it seems to us, we should have better telegraphs, ner and agent, owning, under this system, one-half kept constantly in working order, and abundant the stock, have the absolute control of all the tele- wires for the proper dispatch of intelligence, while

About \$75,000 have been subscribed on the Cape ing, to any extent, the transmission of intelligence, convever imperfectly the duty may be performed.

We have a high opinion of the character of Pro fessor Morse, and of the value of his improvement, and would be glad to see the most liberal reward accrue to him from his invention, but we are satisthat there is no disposition to flag, in regard to the fied he has been ill-advised as to the best mode of using his patent, and that he is not on the plan to make it most valuable to himself or the public.

> No one ever heard before of an inventor refusing to sell his patent, and requiring as the consideration for its use, not only half the profits to accrue from it during the existence of the patent, but halt the property on which it was to be applied. It is as if Oli- and repaired. ver Evans had exacted as a condition of the use of patent mill gleaning, half the estate in mills in the United States; or as if the inventor of a patent plough should require as a condition of using it, the conveyance of an undivided moiety of the farms on which it might be employed, and of the profits of its cultivation.

As a necessary consequence, it becomes of grea moment to the public-if Professor Morse and his associates continue to refuse to sell the patent right to his improvement, that some other plan of telegraph should be introduced, and we have little doubt, with refer to this subject again. the ingenuity and science directed to the subject, that other plans must, ere long, be introduced, as valuable, if not more so than that of Mr. Morse,

We would make, under these circumstances, a suggestion to the railroad companies throughout the country, in relation to this matter. Their interest is, in a measure, connected with it, and they are, in our opinion, the parties who can make the system most useful to the public, and most profitable to the proprietors of the right.

It is, it seems to us, the true policy of the railroad companies, and also due to the public, that they should not aid in fastening the present, or any other similar monopoly upon the country, by giving to any telegraph company a right to put up its posts and wires on its line; but that they should construct and keep in order, when adequate inducements may be offer ed, by any telegraph company, a line of posts, with one or more wires, reserving the right to make use business of the country may require. The advantage would be encumbered with only a single set of posts, would both gain by the arrangement. The former several companies instead of one, while they would object, to designate the general route to be pursued:

If we mistake not, on some such plan the telegraph But a further objection to the whole system is, that system—which is now a subject of great complaint

railroads, would protect the common posts and wire of the different lines of telegraph (and necessarily all equally) against injury. As it is, while the charges are now so high as to prevent the use of the telegraphs, except on business of great importance, they are made the instruments of frauds on the public, are frequently out of order, inadequately provided with wires, and, instead of being constantly watched, and repaired, in case of accident, in a fraction of an hour, as they would be, if owned, and kept in order by the railroad companies—days, and sometimes nearly a week elapses, before the place where comparatively a slight injury has occurred, is ascertained

We throw out these suggestions, in the hope the subject-one of vast and growing importance may receive proper attention, before the present monopolizing system shall have gained a foot-hold so firmly, that others equally—perhaps more—deserving, may not have a fair chance, and, also, that the public may have the benefit of fair competition in the use of the wires, while all parties will have the advantage of the unceasing vigilance of the numerous persons employed by railroad companies in keeping them in constant working order. We shall

Railroad from Philadelphia to Pittsburg.

We have repeatedly been questioned of late, touching our opinion in reference to a railroad from this city to Pittsburg, and the inquiries have been made with regard to our views of the route proposed by the friends of the Great Central road, as compared with that by way of the West Branch, hence to the Ohio river. By reterence to back numbers of the "Journal," our opinions upon this question will be found freely and candidly expressed; as we have endeavored, in times past, to give our views, generally, upon this, as upon all other questions which we have conceived to come legitimately within the scope of our province, in an unprejudiced and impartial manner; and have at all times, to say the least, spoken without any self-interestedness.

We have, however, differed somewhat from many others, from the outset, in relation to the route which should be adopted for a railroad from Philadelphia to Pittsburg; believing that it should be laid graph; and to place on them as many wires as the through a region-if such an one can be found, equally favorable-not already accommodated with an easy and cheap means of transportation; and we still see no reason to change our opinion on the subject-as it is a principle with us to advocate measures which will give the greatest amount of accommodation to the greatest number of people, for the least possible judicious investment of capital. The entertainment of these views, does not, however, prevent us from taking a deep and abiding interest in the early construction of the "Central" road.

Of the entire feasibility of the Central route, we do not entertain a doubt-any more than we do of the right of those who furnish the capital to accomplish the

The present favorable aspect of affairs in regard to this route, and the well-known reputation of those who have lately been elected to manage its concerns. is, we think, sufficient guarantee that the " Central" road is in a fair way, and will be pushed forward as earnestly as is possible; and therefore any speculations as to the ultimate general result of the undertaking, are unnecessary. The names of the gentlemen selected to conduct its affairs for the present year, is ample warrant of judicious management; and we entertain no doubt, if the Board of Directors is as fortunate in the selection of its Engraphs in the United States, with the power of tax-the agents and numerous hands along the lines of gineers, as the Stockholders have been in their la le ni ti ni B pi m bro sico du pro an pro

commenced, and completed at an early day.

Our conviction is, then-in reference to the Central route—that at no time since the subject was first quence of the press of business. This was not oribroached, has the prospect been so good as it now seems, for its construction. The scheme has been those who are determined to be skeptical, that this before the public a sufficient length of time, for all trade must continue-and that, instead of diminishits advantages to be brought out and thoroughly ing, it will increase in years to come! As sure canvassed-and the few objections which have, from as we now live to witness this extraordinary prostime to time, been urged against it, have also been leizurely and carefully considered. Capitalists have been found to subscribe liberally and promptly for the stock-the people of this city, through their re- lity that two channels through the great " Keystone' presentatives, have sanctioned the enterprize, and the Central road will be built; and time will show whether we judge rightly in the prediction that it will prove a highly profitable investment to its stockholders. and a means of communication from the Ohio river to the Atlantic-such as does not now exist in this country-all things considered. To the city of Phitadelphia, more especially, we believe it will prove a source of benefit, now incalculable; and on its completion we shall witness an increase in the commercial prosperity of this city and state, hitherto unprecedented in our local history. Thus much, briefly, for the Central route.

In these remarks in relation to the Central road, we do not in the least intend to change our ground in relation to the importance of a road up the "West Branch," and to the lake at Erie, because we deem the Northern Route brighten. The road as proposed it of the utmost importance to this city. On the contrary, we are fully convinced that the completion of the Central road will ensure the construction of the Northern; and we would therefore recommend to its friends the propriety of a steady, untiring effort it will be sufficiently distant from the line of the to push it forward, without regard to the Central Central road, to ensure it a good business, at all sealine-bearing in mind the fact that the citizens of sons of the year. Philadelphia have decided in relation to that work. and that they are able, and will soon be willing, to feature, and its transportation business could not be construct the Northern line also,

There are many careful, cautious business men, we are well aware, who honestly doubt the constructhey are, in their wisdom, sure that, if it should be a fair interest on the investment of capital-while we are as well convinced that it will be with great difficulty that we can construct avenues of communication fast enough to accommodate the trade of the contribute largely to the increase in the value of the friends of the Northern route, then, we say mos also pay a good interest to the holder of the stock.

A glance at the statistics of exports from the west and northwest, during the last three years, to the Atlantic cities, by way of the lakes, and via New Orleans-will convince the most skeptical of the soundness of this general position. The immense quantities of pork, flour, corn, wheat, etc., conveyed anneed be entertained for the result—nor can any rival nually to Baltimore, Philadelphia, New York and route be brought to bear, injuriously, upon the inter-Boston, from the western States (down the Mississippi river) for home consumption, and for foreign shipment, is almost incredible. The large amount of breadstuffs, which reach tide-water, from the country bordering upon the lakes—down the Hudson and over the Western railroad, is another feature for consideration.

Let us have the "Central" road, then—and, by all means, let us have the "Northern." Let the interests of each—and. pi river) for home consumption, and for foreign ship-creased facilities tend inevitably to enhance com-

during the past season, it has been utterly out of the adopting the broad principle that there is "room power, and beyond the capacities of the Western road, with all its immense amount of machinery, every energy to consummate both plans, and thus and merchandize accommodations, to transport place the State of Pennsylvania in front of all comproduce as rapidly as was desired by shippers; and petitors as regards her great internal improverepeatedly, during the last three or four months, the ments.

choice of officers, that a good road will be soon be storehouses along the line have been crammed to their utmost capacities, with produce which, for the time being, it was impossible to forward, in conse ginally calculated upon, nor is it now believed, by perity in our internal affairs, so sore will this traffic advance, and in an increased ratio, too! Such, then being the fair presumption, why talk of the probabi-State, for the accommodation and partial transport of this produce, cannot exist! The feeling is altogether too narrow-and is unworthy of our consideration, in these days of national improvements, and national prosperity!

We have said it is our purpose and wish to lend our humble aid in favor of both these great projects and it is the design of the Railroad Journal to support, always, the plans of all sections of the country in internal improvements. We have no disposition to prefer one for another, or to bring one into disparagement at another's expense. We, therefore, repeat, that while we earnestly hope to see the energies of capitalists and business men put forward to urge on the progress of the Central road to completion, we shall be most happy to see the prospects of along the West Branch, passes through a most fertile and beautiful country, rich in agricultural and mineral wealth. A part of its course will lie through a section of the State which is thickly populated, and

Its terminus, at the Lake, will be its most important otherwise than productive of immense profit. The local business and the local travel, too, upon this route, must necessarily be very great-while the protion of even one railroad to the western waters, and duce of the Lake country, and the northwest, would find its way (in a very considerable proportion) to built, it will "never pay"—that is, it will never yield the east—through such a channel. That a road "by way of the West Branch," would prove a highly profitable undertaking, and that it must be a successful one, in all respects-none will question.-But that it will materially interfere with the Cenwest! and that capital thus invested will not only tral, or that with the other-we cannot believe. To property, along its line, as well as in this city, but cordially-go on with your work-and let us have such a road as the wealth and abilities of the city and country can give us. There is room for both-there will be ample business for both-their interests need in no wise conflict-there is need of both-and nou is the time to press the enterprize forward. With ests of these. Competition increases business. In-

Our readers are aware of the fact, no doubt, that friends of each look to the interests of each-and, enough in this world for us all"-let them strain

	WAL.	200
	Baltimore and Ohio Railr	oad.
	(Continued from page 216)	Delication as a real or
١	DR. STATEMENT A.	Tabeler
ij	Stock in the Washington branch road.	
7	Cost of road to Harper's Ferry, includ- ing real estate and depots, locomo-	
s	tives, passenger and burden cars, etc.	4.000.000 00
	Cost of road west of Harper's Ferry	3,623,606 28
2	Coal trade, for amount due on that ac-	101 404 79
	Sterling bonds in the hands of Messrs.	101,494 78
2	Baring, Brothers & Co., of London,	3,181,005 11
,	City of Baltimore six per cent. stock	Tuel [Ulif
	on hand	
13	million loan	55,990 00
ŧ	Invalid fund, for amount due by that	
	New York and Maryland Iron and	196 98
1	Coal company, due by them	13,627 59
	Stock in the Pittsburg and Connells-	n To Standard
1	ville railroad co. for instalment paid Cash in the hands of officers	1,750 00
•	Cash on hand	15,094 63 58,868 71
3	A STATE OF THE PARTY OF THE PAR	13 1. 45 EE EU
,	Ter station	12,104,330 07
	Cr.	000 000 00
	Loan at six per cent	6.984 00
		7,000,000 00
	Baring, Brothers & Co., London, Ior	0.71.00000
0	balance now due State of Maryland five per cent, ster-	183,708 95
	ling bonds	3,200,000 00
1	ling bonds Forfeited stock, for balance of that ac-	18 TO 8 22 V
d	count	183 45
e	Interest received on city stock Revenue, for balance of this account	1,170.66
	on 1st October 1845\$581,767 21	water yrates
2	Amount accrued since 895,315 22	COLUMN THEFT IS
1	Dividend from Washington	THE RESERVE
e	road in April last 25,815 00	Children Burgar
	- \$1,502,897 43	Arth growing
	Less expenses, repairs and	-chunga S.ak.
Ė	interest, including the sum of \$206,312 06 ex-	FLY STREET, MITS
e	pended for reconstruction,	THE TODAY AND WILLIAM
e	locomotives, improvement	of roll stellant
8	at depots, and various	incomocives
-	purposes on account of construction 710,614 41	which a mon
d	Little was technological variation	792,283 08
0	to even in hard her communicate word	17177
,		12,104,330 07
-	1112	arrecase of the
•	Revenue and Expenses of the Man The amount received for the transporta	South oam
-	tion of passengers, mails and merchan	WHILL PERFORM .
-	dize, for the year ending the 30th Sen	STIVE DILL
ot	tember, 1846, has been	. \$838.375 39
	And the amount from the coal trade, in	
e	by the New York and Maryland Iron	1976 tod Carra
e	and Coal company is	56,939 83
d	And the Printing Print Addition to the Printing Train	
0	And the expenses for the same period	. \$896,315 92
h	have been the following, viz:	IN THURSDAY, THE RESIDENCE
8	Expenses of transportation, including	The avera
1	fuel, salaries of the superintendent	2 Tollar som
	agents, conductors, etc\$146,057 \$ Repairs of the road 116,163 4	DATE OF THE
	Repairs of locomotives 56,051 I	7
	Repairs of passenger cars 18,682 4	per male - 8

9,575 81 ses, including salaries, house rent, fees to counsel, 7,356 16 penses of.....

And showing the net earnings of the road to be.....

mens and STATEMENT Cards

Tabular Statement, exhibiting in detail the operations and various actual expenses of working the "Main Stem" of the Baltimore and Ohio Railroad, during the year ending Sept. 30th, 1846 -- and the amount of receipts for transportation of passengers, tonnage, mails, etc, during the same period.

60 000,000 t HEADS OF EXPENDITURE.	With Passenger	n by locom With tonnage & company's materials.	Total.	Number of passengers carried one mile.		Cost of conveying passengers,	Number of tons carried one mile.	Cost per ton per mile.	Cost of transport- ing tonnage	Aggregate cost of working the road.
Motive Power by Steam—including actual cost of repairs and renewals of locomotives and tenders (\$51,686 14)—fuel, (10,370 cords of wood and 7,681 tons of coal, including cost of preparation for engines, \$37,887 82)—oil for locomotives and tenders, (8,177 gallons, \$7,265 80)—cotton wasse, (12,483 pounds, \$591 35)—and wages of enginemen and firemen (28,822 36). Motive power by horses—in the streets of Baltimore.	to they can be a look bear to with the same of	513,432	666,634	10,570,960		\$29,013 43				
Totals and averages of motive power	153 900	519 490	EGG 634	130,000	and a selection	*8,660 02			*21,534 38 118,774 44	
Repairs of railway (after deducting \$\$597 03 for increase in stock of materials for repairs). Repairs and renewals of bridges, (less cost of improvements \$23,381 57, and after adding \$364 54 for decrease in value	insvoiqu	Manual A	Towers Towers	cashir ni Capacini tan Capacini tan	0.248	26,557 18	Col mond	657.118	89,009 28	thingid of
of materials for repairs). Repairs of depots. Repairs of water stations. Pumping water. Watching bridges.	reng st renot la uti in a la sa an	entant of entant of local sq.	ia (pas km of l glans a trenen	blicedon odcentos odcentos odministr	0 075 0 023 0 005 0 006 0 015	8,071 20 2,468 68 487 13 665 58 1,534 95	dled ow o	0·183 0·056 0·011 0·015 0·035	8,271 03 1,632 63 2,230 73	10,742 71 2,119 76 2,896 31
Repairs and renewals of cars, after adding \$350 for decrease in materials for repairs of passenger cars, and deducting \$641.45 for increase in materials for repairs in burden cars. Transportation department; embracing salaries of superintendent, agents and clerks, (\$11,173.60)—conductors and burden the salar control of the	8-55 (0") 8-55 (0") 8-50 (0")	pad armona - Armona egitti rebak ar osangan armona armona	ranoni Prico six Tana si	ion an in hij an while appoints	0-178	19,032 48	one one on a control of the control	0-216	31,840 14	50,872 62
brakemen of passenger trains, (\$5,494 60)—burden trains, (\$8,477 27)—labor at depots, (\$8,709 38)—oil and greese for cars, (\$1,900 47)—and contingencies, (\$5,540 75) General expenses, which embrace salaries of president, secretary, and clerks in secretary's office, office rent, counsel's	at barre	e of engli off mall off median	S Iseto + GFUSIA GIARENS	of Tuesday of Tuesday of State Sun of State Sun of State Sun	0-110	11,773 72	tivaidus d	2015	29,522 44	red losi
fees, taxes, insurance on property, etc	150.000	F10.400	200.00	.0.700.0	C•016	1,690 45	dice said si	0-039	Cross Later at	7,356 16
On a section of the s	153,202	513,432	1666,634	10,700,960	1.028	\$109,954 82	114,771,550	3-161	319,146 4	129,100 28

REMARKS.

Besides the tonnage transported above, and for which the company have received pay, there have been hauled of materials for repairs of railway and bridges, and of fuel for locomotives, etc., equivalent to 1,649,704 tens one mile;—which amount, if added to the 14,614,986 tons hauled one mile by locomotives as above stated, and their sum divided by the number of miles run by locomotives with tonnage trains, will show the average net load of each engine to have been 314 tons, which is 2 3-10 tons greater than the average of the previous year.

There have been carried over the Winchester and Potomac railroad, in the cars of this company, equivalent to 596,947 tons one mile.

The average number of passengers in each train has

The average number of passengers in each train has

een 60. The average charge for the transportation of tonnage 3031 cents per mile.

The average charge for the conveyance of passengers,

The average charge for the conveyance of passengers, 3:116 cents per mile.

The average cost for repairs and renewals of locomolives, 7:753-1000 cents per mile run with trains.

The average charge for transportation, exclusive of coal, 3,419 cents per mile, run with trains.

The average cost of running the trains, exclusive of horse power in the streets of Baltimore, has been 59 8-10 cents per mile.

The average cost of running the trains, inclusive of horse ower in the streets of Baltimore, has been 64 4-10 cents er mile.

The expenditures common to both passenger and burden traffic, have been divided in the proportion of the number of miles run by locomotives, with the trains of each description; the greater speed of the passenger trains being considered as fully, if not more than equivalent, to the somewhat greater average weight of the tonnage trains.

JAMES MURRAY, Engineer of Machinery and Repair.

RECEIPTS	AND	EXPENSES.	with it along of

				to seep this	odeanni to		atmoniate	land	Cs.
Receiv	red for th	ie conveyance	of passengers,		I mile lan			\$333,447	51
- 11	44	transportation	on of tonnage,	The state of the state of	T. ISTANIA		12 1 2 1 4 1	446,266	00
NO SE	46	The state of the state of		ates mail.	Mintres II	ALL THEIR	Children Daniel	43,210	
1 44	68	use of main	stem to relay h	ouse by pas	sengers W	Tashingt	on branch	35,132	
	- II		11 1	ton	nage		11.	18,289	
- 66	**	tolls upon F	Iarper's Ferry	riaduct.		4	List Tribulation	1,551	
**	**	use of cars	on Winchester	and Potoma	e railroad	andour c	y a farming	3,790	
	your oddy)	IDE CTRUTTS S	out 11 monotote	title 2 Otolile	C I HIII OUL	on each	WWINA SWINS	5,130	10
Trougore		DEVELO A STANS			A Armiteda		balve similar	\$881,687	59
To wh	ich add	amount of del	bt due by the l	Maryland a	nd New 1	Vork Iro	n and Coal	4,001,001	33
	pany		· · · · ·				u and Oda	13,627	co
	Panj	PERMIT NEWS	and may dis.	3(1) [9] (A)	gas which	181 - 111	and the sale	13,007	00
And w	ve have	amount of rev	enue as shown	by secretary	's stateme	nt B	ICI WIDS ITE	895,315	90
Expen	ded for t	he conveyance	e of passengers	and mails	5 Stateme	. L.	109.954 82		22
26	4		ion of tonnage		male whelever		319,145 46	and market	
19. 1	2 2 2 1 1 1 2 2	transportati	on or tonninge	**************************************		OTHE STA	313,145 40		00
Adam .	MINISTER .	H-140030 007 1	ME THAT HE HAVE	May ball	A person	1 -1101	DOUBLE LOS	429,100	28
Showi	ng the n	et revenue to l	nave been	in the last be			o playin	0100 014	-
				militaria La		W 2. 22.	anis .	\$166,214	94
I U With	D-mant	f the Daltimes	same results as a	convuen by	Statement .	es, in the	WWW AR-	and transf	250
							1 64 6	3 4 351 9	Sil
			cars, which ite	m is incine	lea under	the nea	d of "Coal		-
		ne secretary's		and all as	CANCEL STATE		College Be	2,530	93
			alue of materia	us on nand I	or repairs	of bridg	es and pas-		ide (
seng	er cars,							714	54
					o maxim			The same of the	-
T. Proper		NOTED SENSE	solmen done an	were duni-	MIN 26. 7		Co. Lateral	\$469,460	41
			nprovements to		00 30 1	Charles VIII	\$23,381 56		100
			nprovements to				4,365 0	3	
And d	educt for	increased val	lue of materials	on hand f	or repairs	of rail-	10000		11/12/2
way	and bu	rden cars,	S Committee of the	- HANGON IV	WITTER THE CONT.	50 L	1,238 48	1000, 1000	ŋΕ
arterine	a medd	मांकवानीतंत्र स	STATISTICS TO STATISTICS	-qhikarator	Tra ma	and more	The second	28,985	07
st-521 (eve	THE BOOK	determ sources	- silbares u	who are the services	refire ou	1 6	bear with the w	1616	12.
Surph	as same	as shown by s	tatement B, abo	ve referred	0,	· ALATA	Stall Market	\$440,475	34
and a			principle of the property		TV mile		Int. mile	A Constitution	STO
						101. 300	ILL BUT TAK	CE NUCLEUR.	
-101	107	THE WILL STATE OF STA	emi alvei	nation with 93	DESCRIPTION OF	ment be	the same	160	es.
1 11	TO BUT HER	1 21 29 29 31	ST	ATEMENT I	G.			"drighter	dile
DR.	a slist Je	look to be w	The Washi	noton Bra	nch Road	1	percent while made	d'anne est	JR.
		A Company of the Comp		The state of the state of	and the same of the		Day 380 60	The state of	JR.
Cost o	of road, r	eal estate, engi	nes and cars. 8	1.165,000 00	Stock	A 10000 11		1 650 OW	1 4141

\$1,735,576 70

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STATEMENT F. edement of the Revenue and Expenses of the Washington Branch of the Baltimore and Ohio Railroad for the year ending the 30th September, 1846.

The amount received for the transportation of pas sengers and merchandize for the transportation of passengers and merchandize for the year ending and S25,559 61

And the expenses for the same period have been as follows, viz:

Bonus to the State, one-fifth of the receipts

4,000 00 Office and incidental expenses
—including salaries, house-4,864 01 1,250 00

Showing the net earnings of the road to be.\$93,936 86

Office of the Balt. & Ohio R. R. Co. }

October 1st, 1846. }

J. I. Atkinson, Secretary.

-131,622 75

Cincinnati, Dayton and Hamilton Railroad. At a late meeting of the board of Directors of the Cincinnati, Hamilton and Dayton railroad company the survey and final location of the road from this city to Hamilton, was submitted preparatory to putting the line under contract. The company intend if possible, to have the grading completed this ye; r. so as to have the road ready for the superstructure early next season. This is an important improvement, and must be greatly beneficial to Cincinnati, says the Gazette. Meetings have been held at Richmond and elsewhere, to take steps to extend the line from Hamilton, on towards Indianapolis, to form a link in the proposed road from Cincinnati to St. Louis. Those feeling an interest in this enterprize, who have not yet taken any of the stock, would do well to subscribe without further delay.

A New Destructive. - We understand from a gentleman who has recently returned from Washington, that the government has just concluded a negotiation for the purchase of a most formidable weapon of destruction, in perty at a distance of two miles. This weapon was invented by an Englishman and of-fered to the government, but not adopted by them, when an American saw its destructive them, when an American saw its destructive properties, and purchased the patent right for £1000. He then returned to the United States, and offered it to the war department, and after it had been subjected to experiments in presence of all the distinguished military and naval officers, it was approved of and purchased for \$20,000. A company of artillerists are to be drilled expressly to the use of this weapon and despatched to the seat of war forthwith.

Ship Building on the Ohio.—A letter from to the Canal de Bourgogne, 28 kils; from Marietta describes the launch of another full Denain to Abscon, 14 kils; the railway of Marietta describes the launch of another full rigged barque at that place. She is about 300 tons burthen; length on deck 104 feet, depth of hold 12 feet, breadth of beam 24 ft. 3 in, draws 6 feet 6 inches forward, and 7 ft. 10 inches aft; her cabin containing 10 state rooms handsomely furnished. She is loading with corn at Portsmouth, Ohio, and will sail in a few days for Cork, Ireland. The Cinter of the stations the curve is an about live a serpent; and twines about like a serpent. locust trenails, 34 half-barrels beef. 75 kegs The first is, that the rate of travelling up butter, 6 bags hickory nuts, 150 handspikes, 167 dozen belaying pins, 15 sacks feathers, 50 sacks corn, 12 boxes madder, and to top off with, 70 barrels whiskey. They will probably be about one month making the greater than 6 English miles. Such a rate

from tide water into the waters of lake Supe. countries. rior; and the projectors are in hopes that this canal when finished will enable them to comof this great inland sea.

the shape of a rocket, which can be impelled by one man, and yet will destroy life and prodend of the Paris and Rouen railway comtuitous riding in the railroad cars to the di pany, fixed by the recent general meeting at rectors alone, and the amendment adopted in 251 fr. per share, is advertised to be paid on the second branch, extending it to the fami-and after the 10th inst. The interest of 4 per lies of directors—and we are glad to see that cent., or 20 fr. per share, in the Rouen and the American's correspondent recommends

in a few days for Cork, Ireland. The Cintwists and twines about like a serpent; and cinnati Enquirer says that the two schooners recently built on the Ohio, the Grace Darling and Ohio, left that place last week, for Salem, Mass., freighted with western notions, viz: 508 barrels of pork, 503 barrels of beef, 1513 kegs and 200 barrels lard, 94 barrels flour, 60 bags and 26 barrels dried apples, 6 way; but M. Arnoux's system has two imbarrels peaches, 110 tons black walnut timber. 8543 stayes, 16 dozen are handles, 2000 prevent, it from coming into general use. ber, 8543 staves, 16 dozen axe handles, 2000 prevent it from coming into general use. p. of speed will certainly not satisfy the travelocean is 490 miles in length, and 1700 miles objection is, that not more than six or eight in circumference: being the largest body of carriages can be employed in a train. fresh water on the globe. It contains many there were more than eight, the last carriages islands, one of them Isle Royale, is 100 miles in the train would be in danger of being in length, and 49 miles broad. Upwards of 30 rivers empty themselves into it, and one fact, that they would be running in one discussions fact in relation to it is continued. 30 rivers empty themselves into it, and one curious fact in relation to it is well ascertained, that the quantity of water discharged by the Sault Ste Marie, is not one-tenth what it receives from its tributary streams. Evaporation must, therefore, be the principal agent in keeping the lake down to its usual level. A survey for a canal at the Sault Ste Marie, on the British side, has been made by the Montreal Mining company. The distance is stated to be half a mile, and the fall 18 feet; the excavation mostly in sandstone. There the excavation mostly in sandstone. There is scarcely a doubt that this work will be objections, however, there is no doubt that speedily accomplished, for it will complete M. Arnoux's system might be adopted with the chain of ship canals through Canada great advantage in mountainous or even hilly

RIDING PRIVILEGE ON RAILROADS.

A correspondent, in yesterday's American, mand the increasing business on both sides has called public attention to the resolutions of this great inland sea. war forthwith.

Canal Trade.—Ninety boats laden with the produce of Pennsylvania entered the Tide Water canal for Havre de Grace during the first week of navigation.

To be seat of the seat of the conveyance of save from fifty cents to one dollar per day, or from \$156 to \$312 per year. If half this sum be added for the passage of members of his family, it will be seen that his becoming after the first of December next. Apply to his family, it will be seen that his becoming after the first of December next. Apply to FULLER & BROWN, Agent, No. 133 Greenwich, corner of Cedar street. September 18, 1846.

In Commotive and Car Axles drawn to any required pattern from Bloom Iron only. Address SAM'L Kimber & CO., No. 133 Greenwich, corner of Cedar street. September 18, 1846.

In Commotive and Car Axles drawn to any required pattern from Bloom Iron only. Address SAM'L Kimber & CO., No. 135 Greenwich, corner of Cedar street. September 18, 1846.

AWRENCE'S ROSENDALE HYDRA- will be seen that any of the directors on the privilege should not be extended farther, because it is liable to be greatly abused. We value tor Aqueducts, Locks, Bridges, Flooms and all Masonry exposed to dampness, is well known, and the office, No. 105 Chestnut cree!

A & G. RALSTON & CO., NO. 4 South Front St., Philadelphia, Pa. Have now on hand, for sale, Railroad Iron, vir. 180 tons 24 x 1 inch Flat Punched Rails, 20 ft. long. 25 " 24 x 1" Flange Iron Rails.

For sale in lots to suit purchasers, in tight paper: name to the benefits of gratuitous riding, bebut one of them resides on the road, ea barrels, by and he seldom visits the city excepting in the discharge of his duty as a director.

While on the subject of railroad manage-

ment, we will again auggest the propriety of depting the system in operation elsewhere. feelling tickets for the season, or in quantiies, at a reduced price, to way passengers. Experience has demonstrated that it increases the sumber of passengers, and adds to the revenue of the company. We hope that the directors of the several railroads will take this subject into consideration, as we are convinced that proper investigation will show them the propriety of adopting the course we have suggested .- Balt. Clipper.

BOUND VOLUMES.

Volumes of this Journal, for the Years 1838 to 1840, INCLUSIVE, may be had Bound, at Subtion Price, on application at this Office.

MISSING NUMBERS

OF THE RAILROAD JOURNAL.
Subscribers, who wish to obtain Missing Numbers of Back Volumes of this Journal, will do well to apply

Tr One or two Complete Sers of the RAILROAD fournat may be had in a few weeks—or as soon as tree bers can be reprinted—by application to the Editor.

and

walue for Aqueducts, Locks, Bridges, Flooms and all Masonry exposed to dampness, is well known, as it sets immediately under water, and increases in solidity for years.

For sale in lots to suit purchasers, in tight papered barrels, by JOHN W. LAWRENCE, 142 Front street, New York.

To Orders for the above will be received and promptly attended to at this office.

128 G. RALSTON & CO., NO. 4

& G. RALSTON & CO., NO. 4

| Have now on hand, for sale, Railroad Iron, vir. 180 tons 2½ x ½ inch Flat Punched Rails, 20 ft. long. 25 " 2½ x ½ " Flange Iron Rails. 75 " 1 x ½ " Flat Punched Bars for Drafts in Mines. A full assortment of Railroad Spikes, Boat and Ship Spikes. They are prepared to execute orders for every description of Railroad Iron and Fixtures.

ENGLISH PATENT WIRE ROPES—FOR THE USE OF MINES, RAILWAYS, ETC.

for sale or imported to order by the subscriber.

These Ropes are manufactured on an entirely different principle from any other, and are now almost exclusively used in the collieries and on the railways in Great Britain, where they are considered to be greatly superior to hempen ones, or iron chains, as regards safety, durability and economy. The plan upon which they are made effectually secures them from corrosion in the interior, as well as the exterior of the rope, and gives a greater compactness and elasticity than is found in any other manu-

Many of these ropes have been in constant operation in the different mines in England, and on the Blackwall and other inclined planes, for three and four years, and are still in good condition.

They have been applied to almost every purpose for which hempen ropes have been used—mines, heavy cranes, standing rigging, window cords, lightning conductors, signal halyards, tiller ropes, etc. Reference is made to the annexed statement for the relative strength and size. Testimonials from the most eminent engineers in England can be shown as to their efficiency, and any additional information required respecting the different descriptions and application will be given by

ALFRED L. KEMP,

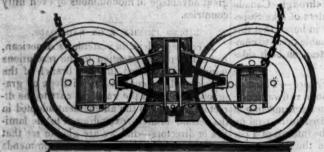
75 Broad street, New York, sole agent in the United State

Statement of Trial made at the Woolwich Royal Dock Yard, of the Patent Wire Ropes, as compared with Hempen Ropes and Iron Chains of the same strength.—October, 1841.

THE PERSON	WIRE ROL	PES, Villa . Page	HEMPEN ROPES. 1 CHAINS. STRENGTH			
Wire gauge number.	Circumference of rope.	Weight per fathom.	Circumference of rope.	Weight per fathom.	Weight per Diam	
nama in	INCH.	LBS. 02.	10	LBS. 02.	LBS. INCI 50 15-1	
13	31 011	10 (6 11 10)	8ŧ	16 2	27 11-1 17 9-1	
15	2	4 3	6	9 4	134 1-5	you by bro 7 minor

N.B. The working load, with a perpendicular lift, may be taken at 6 cot. for every lb. weight per fath that a rope weighing 5 lbs. per fathom would safely lift 3360 lbs., and so on in proportion.

AY'S EQALIZING RAILWAY TRUCK .- THE ber having recently formed a business connection in the City of New



beise York, expressly for the manufacture of the newly patented and highly approved Railroad Truck of Mr. Fowler M. Ray, is ready to receive orders for building the same, from Railroad Companies and Car Builders in the United States, and elsewhere.

States, and elsewhere.

The above Truck has now been in use from one to two years on several roads a sufficient length of time to test its aurability, and other good qualities, and to satisfy those who have used it, as may be seen by reference to the certificates which follow this notice.

There have been several improvements lately introduced upon the Truck, such as additional springs in the bolsser of passenger cars, making them delightful riding cars—adapting it to tenders, trucks forward of the locomotive, and freight cars, which, with its original good qualities, make it in all respects the most desirable truck now offered to the public.

Orders for the above, will, for the present, be executed at the New York Screw Mill, corner 33d street and 3d avenue, (late P. Cooper's rolling mills) and at the Steam Engine Shop of T. F. Secor & Co., foot of 9th street, East

SUBSCRIriver, (of which firm the subscriber was late a partner) under the immediat
supervision of Mr. Ray himself.
Several sets of trucks containing the latest improvements have recently
been turned out for the New York and Eric railroad, and the New Jersey
Transportation company, which may be seen upon said roads.

The patronage of Railroad Companies and Car Builders is respectfully

solicited.

solicited.

New York, May 4, 1846.

To all whom it may concern:—This is to certify that the New Haven, Hartford and Springfield railroad co., have had in use six sets of F. M. Ray's patent trucks for the last 20 months, during which time it appears to me, they have proved to be the bes and most economical truck now in use.

[Signed,]

WILLIAM Roz, Sup't of Power.

I certify that F. M. Ray's Patent Equalizing Railroad. Truck has been in use on the Philadelphia and Reading railroad for some time past, under a passenger car.

passenger car.

For simplicity of construction, economy in cost, lightness of material, and extreme ease of motion. I consider it the best truck we have ever used. Its peculiar make also renders it less liable to be thrown off the track, when passing over any obstruction. We intend using it extensively under the passenger and freight cars of the above road.

Reading, Pa., October 6, 1845.

Sup, t Transportation, etc., Philadelphia and Reading Railroad.

To all whom it may concern:—This is to certify that the N. Jersey Railroad and Transportation company have used Fowler M. Ray's Truck for the last seven months, during which time it has operated to our entire satisfaction. I have no hesitation in saying that it is the simplest and most economical truck now in use.

Jersey City, November 4, 1845.

N. Jersey Railroad and Transp. Co.

This is to certify that F. M. Ray's Patent Equalizing Railroad Truck has been in use on the Long Island railroad for the last year, under a freight ear.

For simplicity of construction, economy in cost, lightness of material and ease of motion, I consider it equal to any truck we have in use.

Long Island Railroad Depot,

Jamaica November 12, 1845.

Sup't Motive Power.



CH & CO'S IMPROV-ED PATENT SALA-IANDER SAFES. Warranted free from damp-

ss, as well as fireand thief

Particular attention is invited to the following certificates which speak for themselves:

TEST No. 10.
Certificate from Mr. Silas C. Field, of Vicksburgh.

Mississippi.
On the morning of the 14th ult., the store owned On the morning of the 14th ult., the store owned and occupied by me in this city, was, with its contents, entirely consumed by fire. My stock of goods consisted of oil, rosin, lard, pork, sugar, molasses, iquors, and other articles of a combustible nature, in the midst of which was one of Rich's Improved Patent Salamander Safes, which I purchased last October of Mr. Isaac Bridge, New Orleans, and which contained my books and papers. This safe was red hot, and did not cool sufficiently to be opened until 16 hours after it was taken from the ruins. At the expiration of that time it was unlocked, when its contents proved to be entirely uninjured, and not even discolored. I deem this test sufficient to show that the high reputation enjoyed by Rich's Safes is well merited.

TEST No. 11.—Certificate.

TEST No. 11.—Certificate.

By the fire which occurred in this village on the 27th July last, our Law Office, together with many other buildings was destroyed—we had in our office one of Rich's Improved Patent Salamander Safes, which, though heated red hot, preserved, without being the least damaged many papers valuable to our ing the least damaged, many papers valuable to our clients—the envelopes of a few papers being slightly scorched. Some twenty tour hours after the fire, the Safe was removed, and so hot was it, that several hours were required for it to cool off. Our office hours were required for it to cool off. Our office was in the second story of a large brick building, all the wood used in construction of said house being pilch pine. While the Safe was red hot, one of the walls tumbled in, and so injured the lock that it was necessary to break the door open: From this test, we feel no hesitancy in recommending "Rich's Patent Salamander Safe" as entirely fire proof.

Maxim. Als. Sort 18th 1846.

GORES & KING.

Marion, Ala., Sept. 15th, 1846.

Still other Tests in the Great Fire of July 19, 1845.

The undersigned purchased of A. S. Martin, No.
1381 Water street, one of Rich's Improved Patent
Salamander Safes, which was in our store, No. 54
Exchange place. The store was entirely consumed
in the great conflagration on the morning of the 19th
inst. The safe was taken from the ruins 52 hours
after, and on opening it, the books and papers were
found entirely uninjured by fire, and only slightly
wet—the leather on some of the books was perched
by the extreme heat. RICHARDS & CRONKHITE.

Benton, Miss. December 27, 1845.

Benton, Miss., December 27, 1845. One of Rich's Improved Salamander Safes, which purchased on the 2d of June last of A. S. Marvin, I purchased on the 2d of June last of A. S. Marvin, 1381 Water street, agent for the manufacturer, was exposed to the most intense heat during the late dreadful conflagration. The store which I occupied, No. 46 Broad street, was entirely consumed; the safe fell from the 2d story, about 15 feet, into the celar, and remained there 14 hours, and when found, I am told, and from its appearance afterwards, should judge that it had been heated to a red heat. On opening it, the books and papers were found not to have been touched by fire. I deem this ordeal sufficient to confirm fully the reputation that Rich's safe has already obtained for preserving its contents against all hazards.

(Signed,)

New York, 21st July, 1845. No. 46 Broad street, was entirely consumed; the safe fell from the 2d story, about 15 feet, into the celar, and remained there 14 nours, and when found, am told, and from its appearance afterwards, should judge that it had been heated to a red heat. On opening it, the books and papers were found not to have been touched by fire. I deem this ordeal sufficient to confirm fully the reputation that Rich's safe has already obtained for preserving its contents against all hazards. (Signed,)

New York, 21st July, 1845.

Reference made to upwards of nine hundred and fifty merchants, cashiers, brokers, and officers of courts and counties, who have Rich's Safe's in use. The above safes are finished in the neatest mannable, and can be made to order at short notice, of any size and pattern, and fitted to contain plate, jewelry,

size and pattern, and fitted to contain plate, jewelry, etc. Prices from \$50 to \$500 each. For sale by

A. S. MARVIN, General Agent,

138½ Water st., N. Y.

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Also by Lewis M Hatch, 120 Meeting street Charleston, S. C. 16 11

FRENCH AND BAIRD'S PATENT SPARK ARRESTER.

O THOSE INTERESTED IT Railroads, Railroad Directors and Managers are respectfully invi-ted to examine an improved SPARK ARRESTER, recently patented by the undersigned.

the undersigned.
Our improved Spark Arresters
have been extensively used during the
last year on both passenger and freight
engines, and have been brought to
such a state of perfection that no annoyance from sparks or dust from the
chimney of engines on which they are
used is experienced.
These Arresters are constructed on
a entirely different principle from an

chimney of engines on which they are used is experienced.

These Arresters are constructed on an entirely different principle from any heretofore offered to the public. The form is such that a rotary motion is imparted to the heated air, smoke and sparks passing through the chimney, and by the centrifugal force thus acquired by the sparks and dust they are separated from the smoke and steam, and thrown into an outer chamber of the chimney through openings near its top, from whence they fall by their own gravity to the bottom of this chamber; the smoke and steam passing off at the top of the chimney, through a capacious and unobstructed passage, thus arresting the sparks without impairing the power of the engine by diminishing the draught or activity of the fire in the furnace.

These chimneys and arresters are simple, durable and neat in appearance. They are now in use on the following roads, to the managers and other officers of which we are at liberty to refer those who may desire to purchase or obtain further information in regard to their merits:

E. K. L. Stevens, President Camden and Amboy Railroad Company; Richard Peters, Superintendant Georgia Railroad, Augusta, Ga.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad, Augusta, Ga.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad, Augusta, Ga.; G. A. Nicolls, Superintendant Philadelphia, Reading and Pottsville Railroad Company, Philadelphia; E. B. Dudley, President W. and R. Railroad Company, Wiljenington, N. C.; Col. James Gadsden, President S. C. and C. Railroad Company, Wiljenington, N. C.; Col. James Gadsden, President S. C. and C. Railroad Company, Shayanah, Ga.; J. D. Gray, Sup't Hartford and New Haven Railroad, Vicksburgh, Miss.; R. S. Van Renseelle Railroad, Lexington, Ky.; T. L. Smith, Sup't New Jersey Railroad Company, Shayanah, Ga.; J. D. Gray, Sup't Macon Railroad, Macon, Ga.; J. H. Cleveland, Sup't Southern Railroad, Ga.; J. D. Gray, Sup't Macon Railroad, Macon, Ga.; J. H. Cleveland, Sup't

The letters in the figures refer to the article given in the Journal of June, 1841.

PATENT HAMMERED RAILROAD, SHIF and Boat Spikes. The Albany Iron and Nail Works have always on hand, of their own manufacture, a large assortment of Railroad, Ship and Boat Spikes. The Troy Iron and Nail Factory keeps constantly for sale a very extensive assortment of Spikes, from 2 to 12 inches in length, and of any torm of head. From the excellence of the material always used in their manufacture, and their very general use for railroads and other purposes in this country, the manufacturers have no hesitation in warranting them fully equal to the best spikes in market. Both as to quality and appearance. All orders addressed to the subscriber at the works, will be promptly executed. JOHN F. WINSLOW, Agent.

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Mill gearing and Millwright work generally; hydraulic and other presses; press screws; callenders; lathes and tools of all kinds; iron and brass castings of all descriptions.

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Paterson, N. J., or 60 Wall street, N. York.

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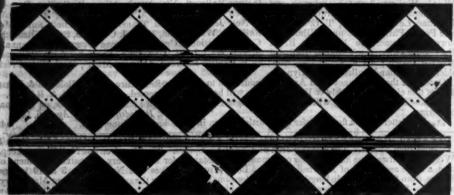


Manufacture to Order, Passenger and Freight Cars of every description, and of the most improved pattern; also furnish Snow Ploughs and Chilled Wheels of any pattern and size. Forged Axles, Springs, Boxes and Bolts for Cars at the lowest prices.

All orders punctually executed and lorwarded to any part of the country.

Our Works are within fifteen minutes ride from State street, Boston—Omnibuses pass every fifteen





As seen stripped of the top ballasting

A GOLD MEDAL AWARDED THE INVENTOR BY THE AMERICAN INSTITUTE.

THE UNDERSIGNED RESPECTFUL—

ly invites the attention of Engineers, and Railroad Companies, to some highly important improvements he has recently made in the Herron system of
Railway structure. These improvements enable
him to effect a very large reduction in the quantity
of Timber, and cost of construction, without impairing the strength of the Track, or its powers of resisting frost, while they secure additional features of
excellence in the Drainage and facility of making

The following is a general estimate of its cost near

Repairs.

The above cut represents the "Herron Track" as it is laid on the Philadelphia and Reading, and on the Baltimore and Susquehanna Railroads. The intersection of the sills of the trellis are 5 feet from centre to centre, while in the new construction they are only 21 feet. This renders the string piece unit are constructed to the renders of the sills of the trellis are 5 feet from centre to centre, while in the new construction they are only 21 feet. This renders the string piece unit of the sills of

are only 21 feet. This renders the string piece unnecessary, thus removing the only objectionable feature found in the Track.

The result of experience has proved that all Tracks constructed with longitudinal timbers, such as mud sills, and more especially, the continuous bearing atring pieces retain the rain water that falls between the Rails, which, being thus confined, settles along those timbers, and accumulating in quantity flows rapidly along them on the descending grades, washing out the earth from under the timber, and frequently causing large breaches in the embankments of the road. Whereas all water intercepted by the oblique sills of the trellis, is discharged immediately will be made on liberal terms. oblique sills of the trellis, is discharged immediately will be made on liberal terms into the side ditches.

The following is a general estimate of its cost near the seaboard. In the interior it will be considerably

ESTIMATE OF THE PROBABLE COST OF ONE MILE.

the Rail\$1,445 45

He has made other important improvements which will be shown in properly proportioned models, that give a much better idea of the great strength

JAMES HERRON. In the 5 foot plan, the Track occupies a Road bed nearly 11 feet wide, while the new construction takes No. 277 South Tenth St., Philadelphia. 33 FRANKLIN HOUSE

No. 105 Chostnut Street, Philadelphia.

The undersigned takes the liberty of calling the attention of the readers of the Journal to the fact that the Office is removed from New York to the FRANK LIN HOUSE, Philadelphia, where he will be always pleased to meet and greet them. They will not only find a pleasant Reading Room, with lots of foreign periodicals, treating of Railroads and Machinery, but they will always find good-sized and airy rooms clean beds-and a well supplied table. If they would have further proof of this, they have only to call, and judge for themselves, and much oblige the pro-D. K. MINOR. prietor.



No 23 Pear street, 10 near Third,

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LAP-WELDED WROUGHT IRON TUBES

TUBULAR BOILERS, FROM 1 1-4 TO 6 INCHES DIAMETER,

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ANY LENGTH, NOT EXCEEDING 17 PEET. These Tubes are of the same quality and manufacture as those so extensively used in England, Scotland, France and Germany, for Locomotive, Marine and other Steam Engine Boilers,

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Patentee. 28 Platt street, New York.

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MOUNT SAVAGE IRON WORKS THIS Company are prepared to execute orders for RAILROAD IRON, of any pattern, and equa in point of quality to any other manufactured.

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